

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

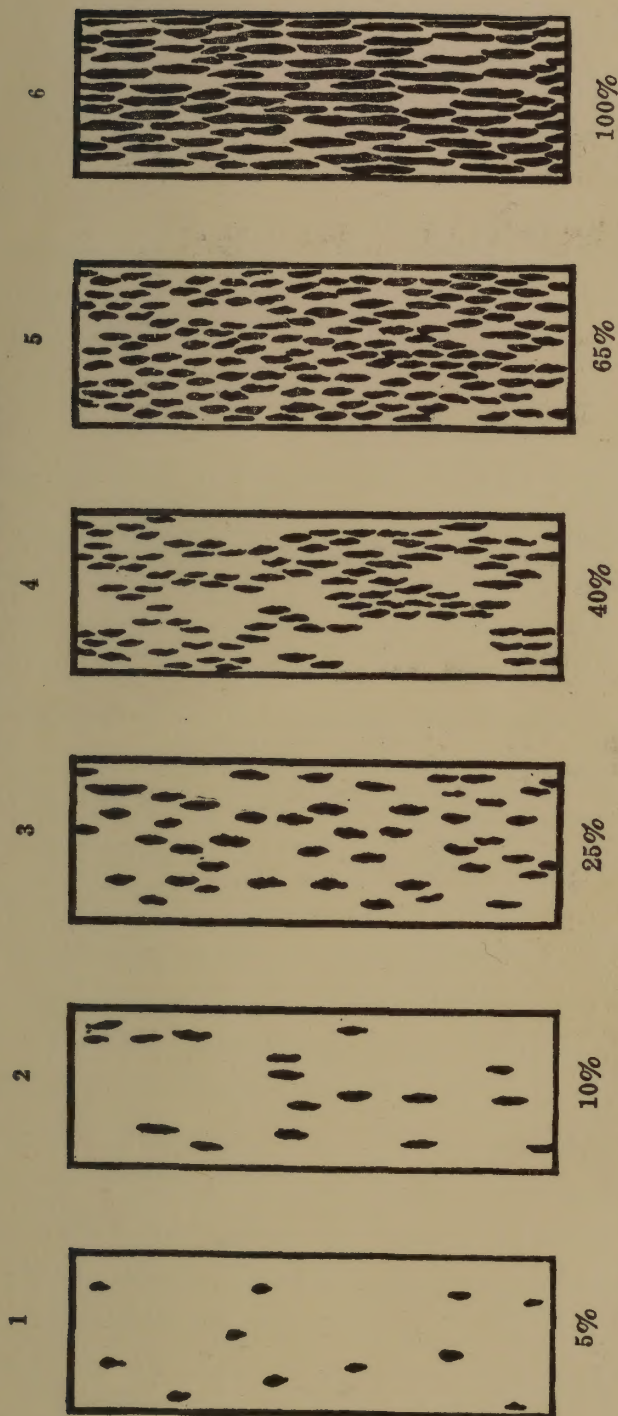
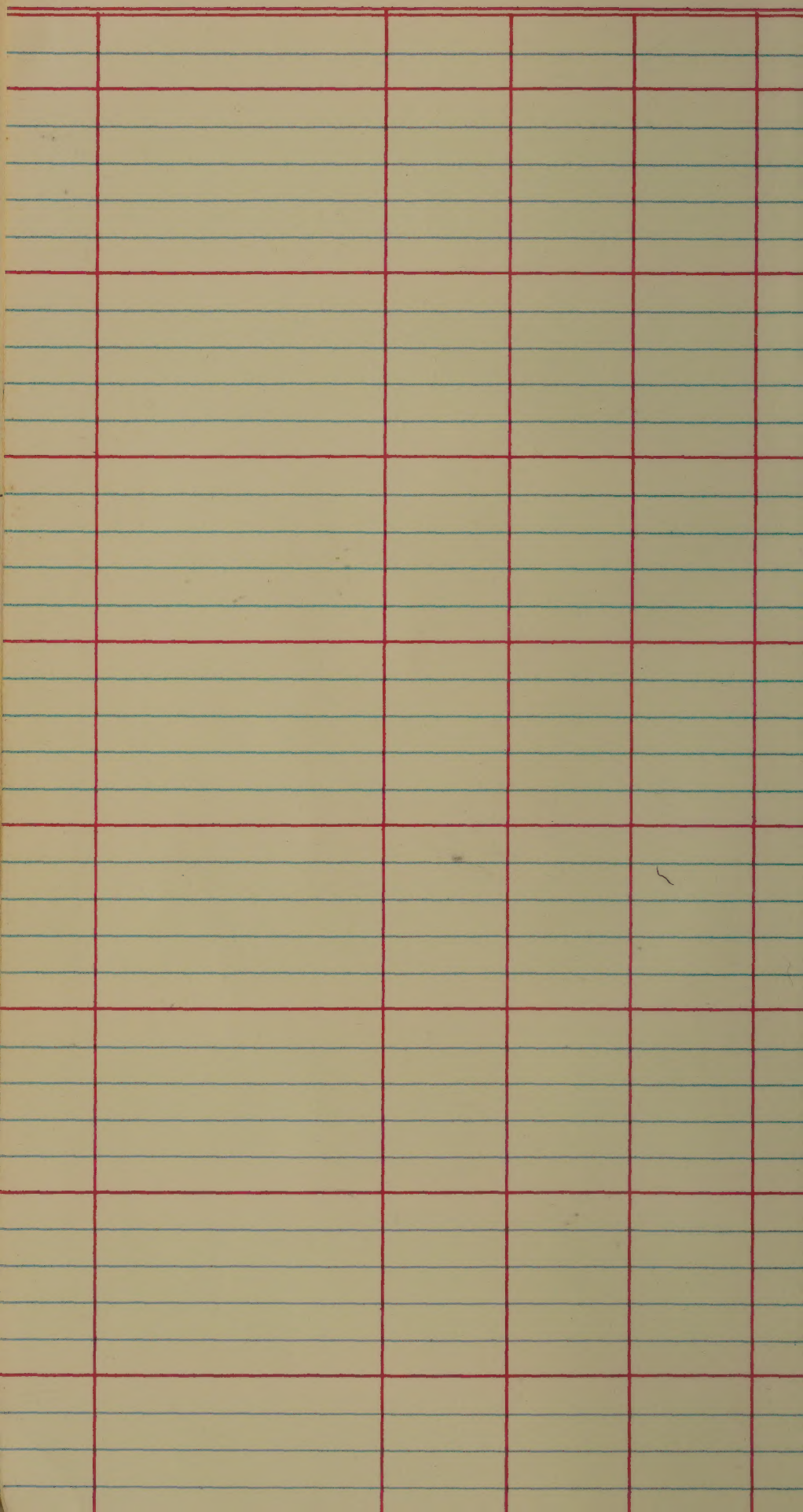


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.



Date seeded: 4/7/82 x^v

① Seed Source	② Entry	③ RCP	④ DATE OF HEADING	⑤ DATE OF HV.	⑥ PLT. HT.	⑦ 45.48
XXX	1-3	X	XXX	OF XXX	(CM)	XXXX
094 110	"L-201"	1	7/5 186	8/2 214	0/100	
		2	7/5 1	8/2	0/101	
		3	7/5 1	8/2	0/100	
Hv'd borders		4	7/6 187	8/2	0/101	
8/6	(82)		7/5	8/2 214	0/101	
			14+			
	"LBLE"	1	7/7 188	8/4 216	0/110	
2		2	7/7 1	8/4	0/104	
		3	7/7 1	8/4	0/100	
		4	7/7 1	8/4	0/104	
	(Fd)					107
			14+			
	Short LBLE	1	7/9 190	8/4 216	0085	
3		2	7/9 1	8/4	0090	
		3	7/9 1	8/4	0089	
	RU8202003	4	7/9 1	8/4	0085	
						0087
	Tall rogues		14+			
	B887/9902	1	7/14 195	8/10 233	0095	
4		2	7/13 194	8/10	94	
		3	7/12 195	8/10	90	
	RU8101116	4	7/13 194	8/10	95	
	(116)					94
			14+			

Lodgato

⑧

Col 48

MILLING

%

HEAD

TOTAL

% x

Lodged

x

xv

0

x

xx

0

0

0

0

0

0

0

0

0

0

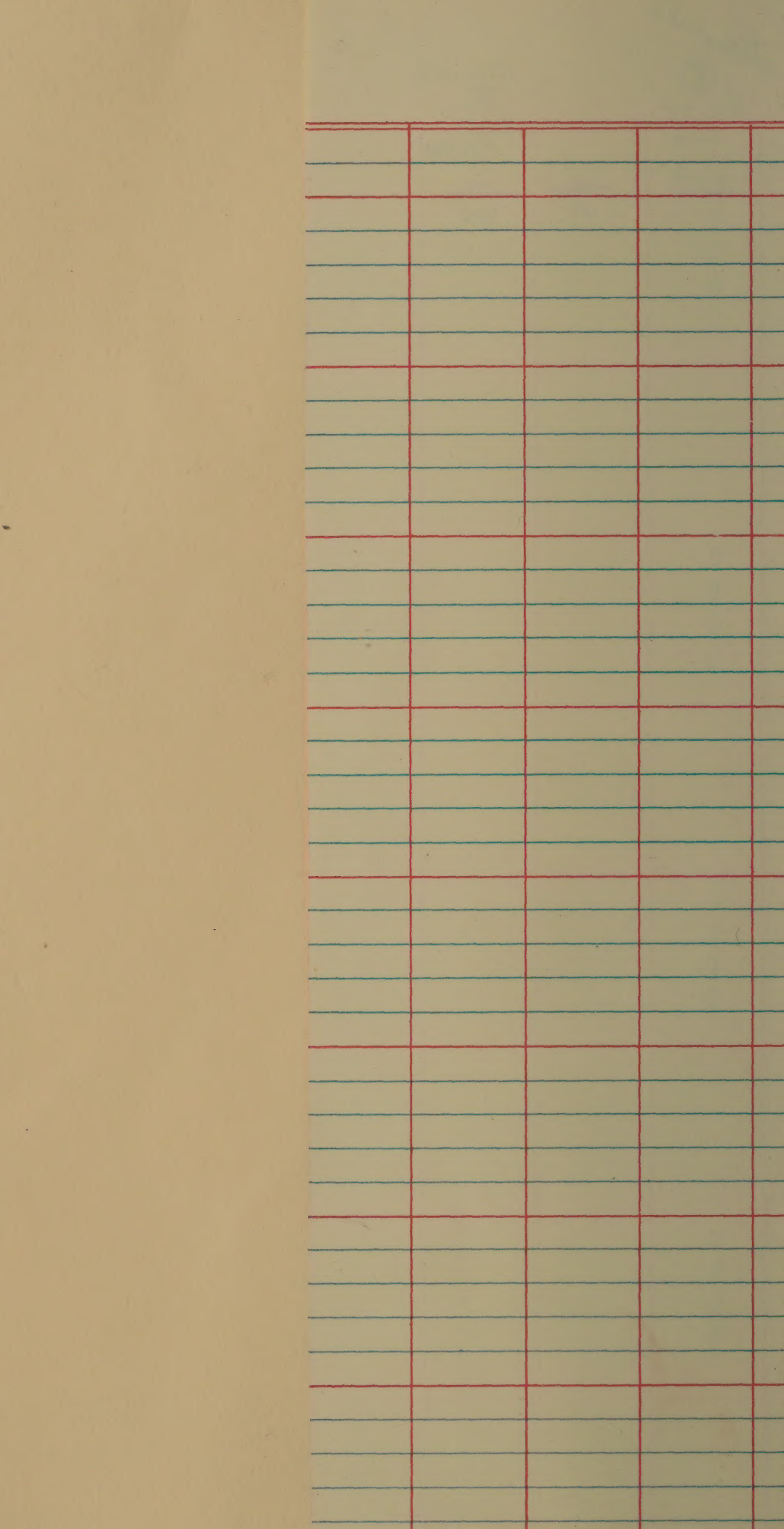
0

0

0

0

0



GMS./PLOT = UNCLEAN WTS.

LB./A YIELD RECORDED ON

12% MOISTURE BASIS 2

12%

GMS./PLOT	LB./A
-----------	-------

947	
-----	--

894	
-----	--

886	
-----	--

1017	
------	--

	4880
--	------

946	
-----	--

945	
-----	--

1085	
------	--

1008	
------	--

	5135
--	------

814	
-----	--

873	
-----	--

764	
-----	--

936	
-----	--

	4371
--	------

925	
-----	--

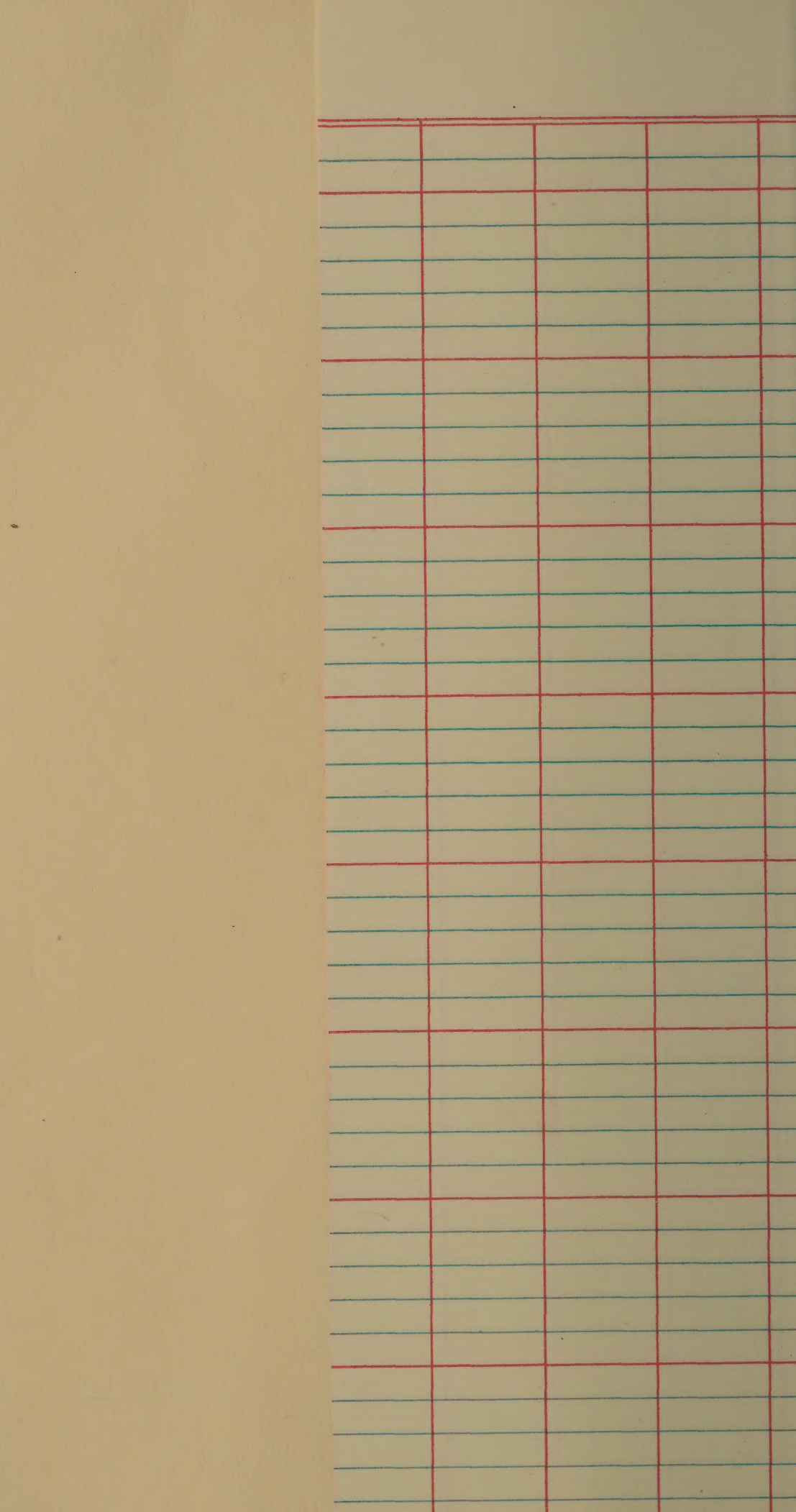
986	
-----	--

1112	
------	--

1017	
------	--

	5207
--	------

①	Seed / Emer	Conty	x	xxx	Ham	xxxx
094	B7121A3-Bk ₃ -	1	7/8	189	8/4	216
	-1-3-1	2	7/7	188	8/4	102
		3	7/6	187	8/4	98
	RU8003005	4	7/7	188	8/4	95
	(5)					94
						97
			VUF			
			lgt			
6	RRZ8/CDH4//	1	7/3	184	8/2	214
	VSTA/3/RRLM/	2	7/3		8/2	90
	T487	3	7/3		8/2	92
	RU8102006	4	7/3		8/2	91
	(6)					88
						90
7	V6DW/STTD	1	7/7	188	8/10	222
		2	7/7		8/10	99
		3	7/8	189	8/10	95
	BOND	4	7/7	188	8/10	96
	(7)					93
						96
	basal nodes break very easily		lgt			
8	B774A2-Bk ₂ -45	1	7/18	199	8/12	224
	-Bk-2-Bk	2	7/17	198	8/12	82
		3	7/18	199	8/12	80
	RU8203008	4	7/16	197	8/12	80
	(322)					75
						79
			lgt		Dm	



LB/A.

898

1083

1144

1103

5455

837

1014

1092

1018

5111

966

928

1005

1068

4941

720

759

842

871

4114

Seed

694

9

B7421A1-175-2

Hv. some

RU8003009

borders

8/13

(9)

7/13 **174** 8/12 **224** 1077/14 **195** 8/12 1087/14 **195** 8/12 1047/13 **194** 8/12 102

105

lgt

10

CP31/HLBT//

RRUK

RU8102010

(10)

7/10 **191** 8/10 **222** 118

7/10 8/10 118

7/10 8/10 111

7/10 8/10 111

115

Veg. Tell

lgt

11

BN73/9841

RU7801011

(11)

7/8 **189** 8/10 **222** 1177/8 **189** 8/10 1117/9 **190** 8/10 1157/8 **189** 8/10 112

114

tell requires

lgt

12

M-201

Hv'd borders

8/6

(Biggs)

7/2 **183** 8/4 **216** 71

7/2 8/4 68

7/2 8/4 70

7/2 8/4 69

70

0

0

0

0

0

15 ←

5

0

area Per 400

0

0

0

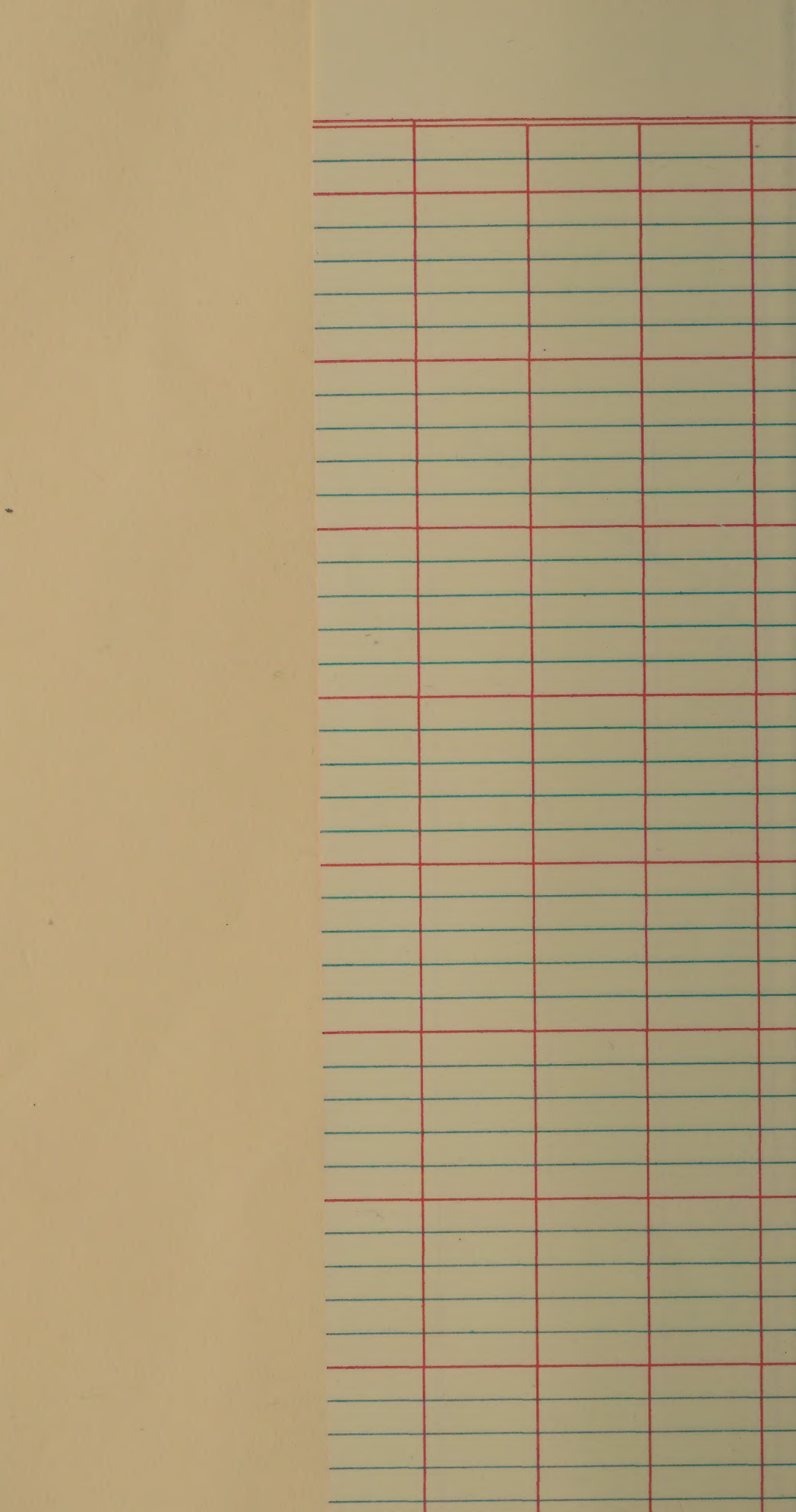
0

0

0

0

0



LB./A.

1075

974

1041

1018

5276

973

907

1060

844

4883

1033

1026

1001

1045

5300

879

954

959

948

4837

Seed
- 94

13

RXZN//LACR/MANL
/3/TN-1/4/RRBZ
/132848/5/ESYN

RUS102013

(13)

7/10	191	8/6	218	92
7/10		8/6		90
7/10		8/6		89
7/10		8/6		89

90

Bird nest Rep II
Var. ht.

mgt

14

RAT3/LBNT

RUS101113
(113)

7/14	195	8/16	228	104
7/14	195	8/16		100
7/13	194	8/16		104
7/14	195	8/16		99

102

Bad canopy
Variable ht

lgt

15

BW66A2-27-BK-17
-8-9-2-3

RUT603015
(HR)

7/13	194	8/12	224	108
7/14	195	8/12		106
7/13	194	8/12		112
7/12	193	8/12		102

107

lgt

16

K8H4/3/S20K//
RRR2/TN-1

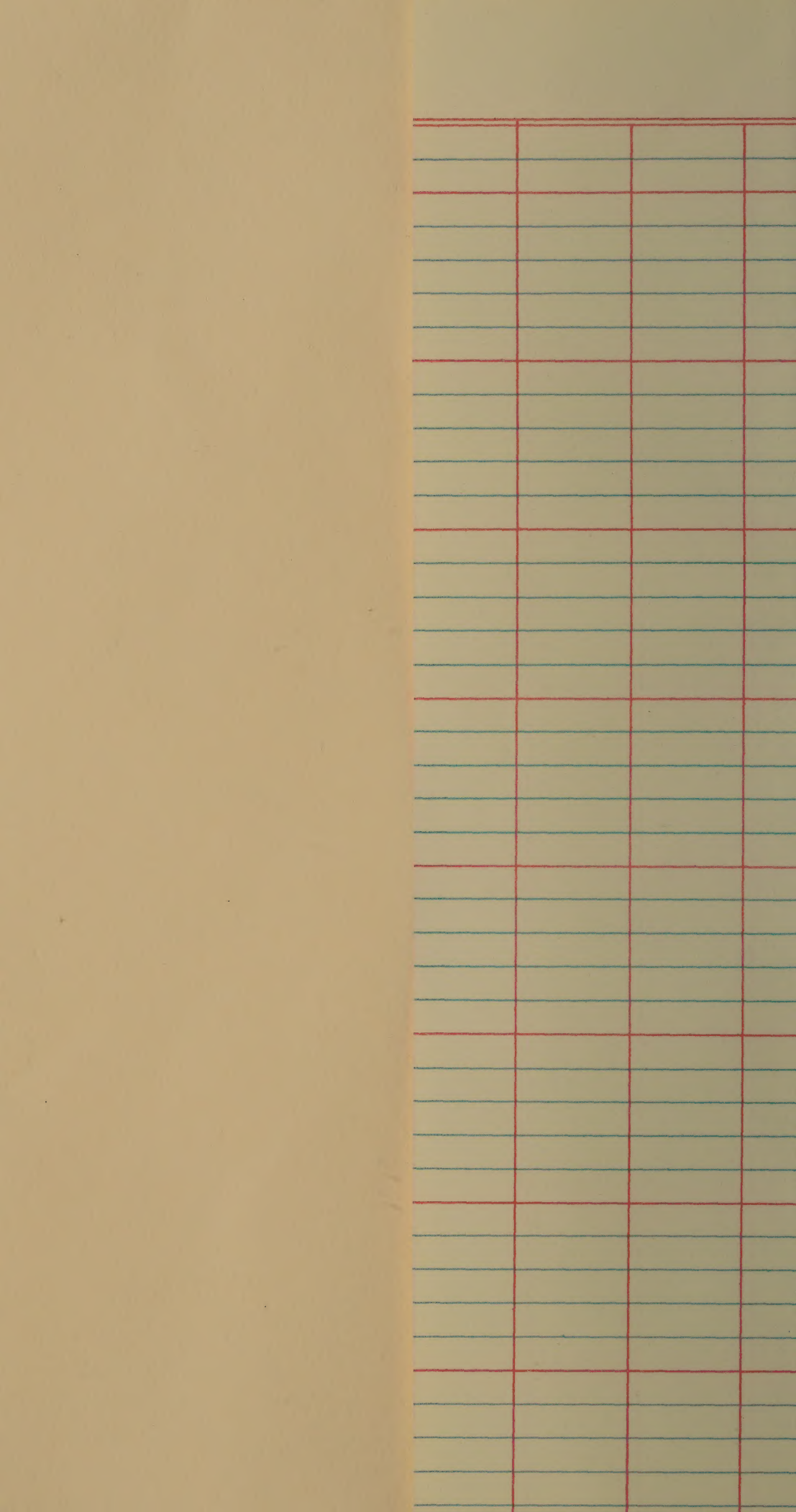
RUT902113
(16)

7/7	188	8/10	222	108
7/8	189	8/10		106
7/7	188	8/10		107
7/7	188	8/10		106

107

mgt

[illegible]



L.B./n

1018

818

915

916

4673

686

724

743

733

3754

900

889

886

957

4691

1004

929

971

1103

5141

Date seeded : 4/7/82(097)

Seed

094

21

MARS/325893

7/16 197

8/18 230 92

7/17 198

8/18 93

7/17

8/18 89

RU8201021

7/17 ↓

8/18 ↓ 90

Looks good

mg+

22

BT41A1-24-3-2

7/19 260

8/16 228 78

-2-3-4-1

7/20 201

8/16 78

7/20 ↓

8/16 78

Hv'd borders

RU8203022

7/20 ↓

8/16 ↓ 75

8/27

(614)

Excellent plant; very
uniform; late!

lg+

Too late for Group I

23

7/18 189

8/2 220 80

7/18 ↓

8/2 78

7/18 ↓

8/2 78

RU8202023

7/19 ↓

8/2 ↓ 77

tall rogues

lg+

24

MARS

7/12 193

8/16 228 93

7/13 194

8/16 92

CI9945

7/13 ↓

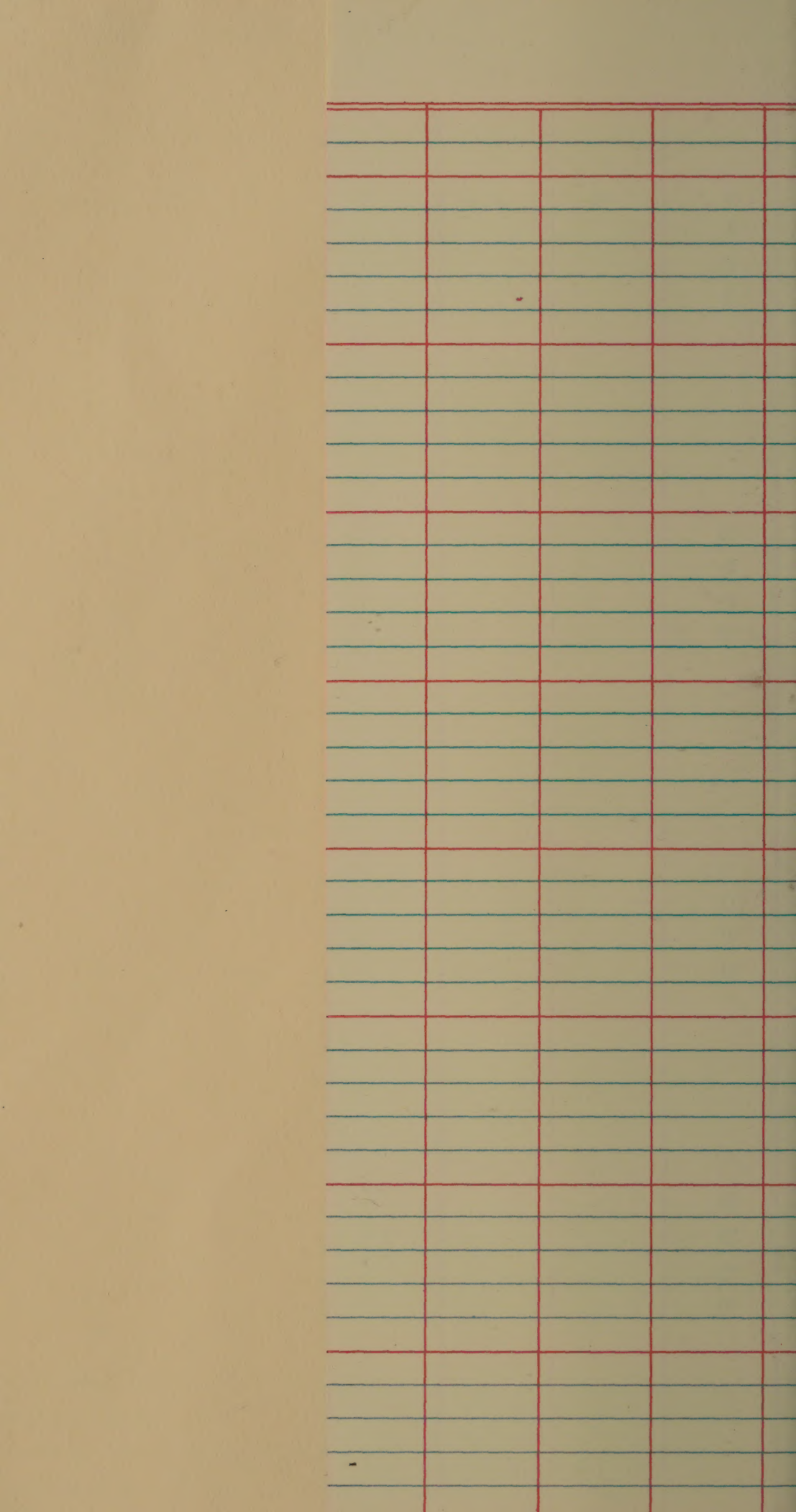
8/16 95

7/13 ↓

8/16 ↓ 93

(24)

[illegible]



LB/12

987

810

771

763

4303

607

727

680

651

3462

783

661

752

622

3657

1050

948

990

953

5091

Sec
097

HARV

25

9545//GRDS/
T487
RU 7403025
(25)

7/10 191	8/16 228	93
7/10	8/16	93
7/10	8/16	90
7/12 193	8/16 ↓	90

26

LEAH
(26)

7/13 194	8/16 228	85
7/16 197	8/16 ↓	84
7/16 197	8/16 ↓	86
7/15 196	8/16 ↓	84

1gt

27

9694//DAWN//
STBN//DAWN
(119)
RU 8001190

7/16 197	8/18 236	109
7/16	8/18	108
7/16	8/18	109
7/17 196	8/18	111

1gt

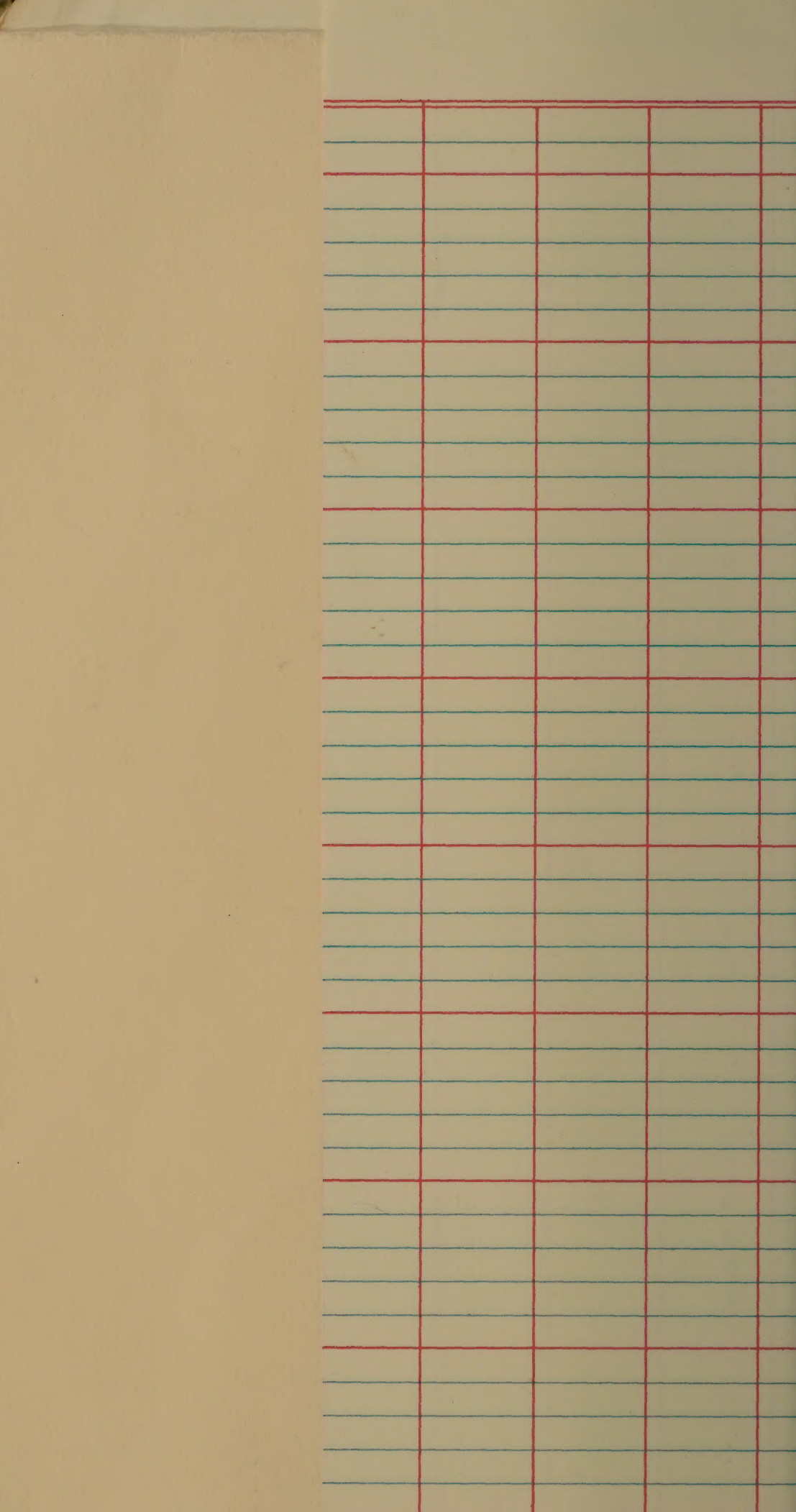
28

LBNT
CI 9882
(BR)

7/13 194	8/12 224	102
7/14 195	8/12	106
7/14 195	8/12	104
7/13 194	8/12	100
		103

1gt

[illegible]



LB/A.

1255

1143

1116

1071

5890

988

896

922

826

4703

1053

870

880

901

4801

1013

869

864

927

4839

Seed 197

29

B7439A1-11-3-1

-Bk-1

7/12 193

8/20 232

88

7/13 194

8/20

85

7/13

8/20

83

7/13

8/20

84

Hv'd borders

RU8103029

8/24

(29)

Short, good

30

D3UK/RRR2

//TN-1/3/95NR

7/17 198

8/25 237

88

7/16 197

8/25

85

7/17 198

8/25

82

7/18 199

8/25 ✓

88

RU7902030

(30)

Variable but good

mgt

31

MARS/9845

7/10 191

8/18 230

98

7/10

8/18

100

7/10

8/18

98

7/10

8/18 ✓

99

RU8201031

mgt

32

B7439A2-35-8

-3-1-1

7/16 197

8/25 237

97

7/16

8/25

92

7/15 196

8/25

99

7/18 199

8/25 ✓

93

Hv'd borders

RU8203032

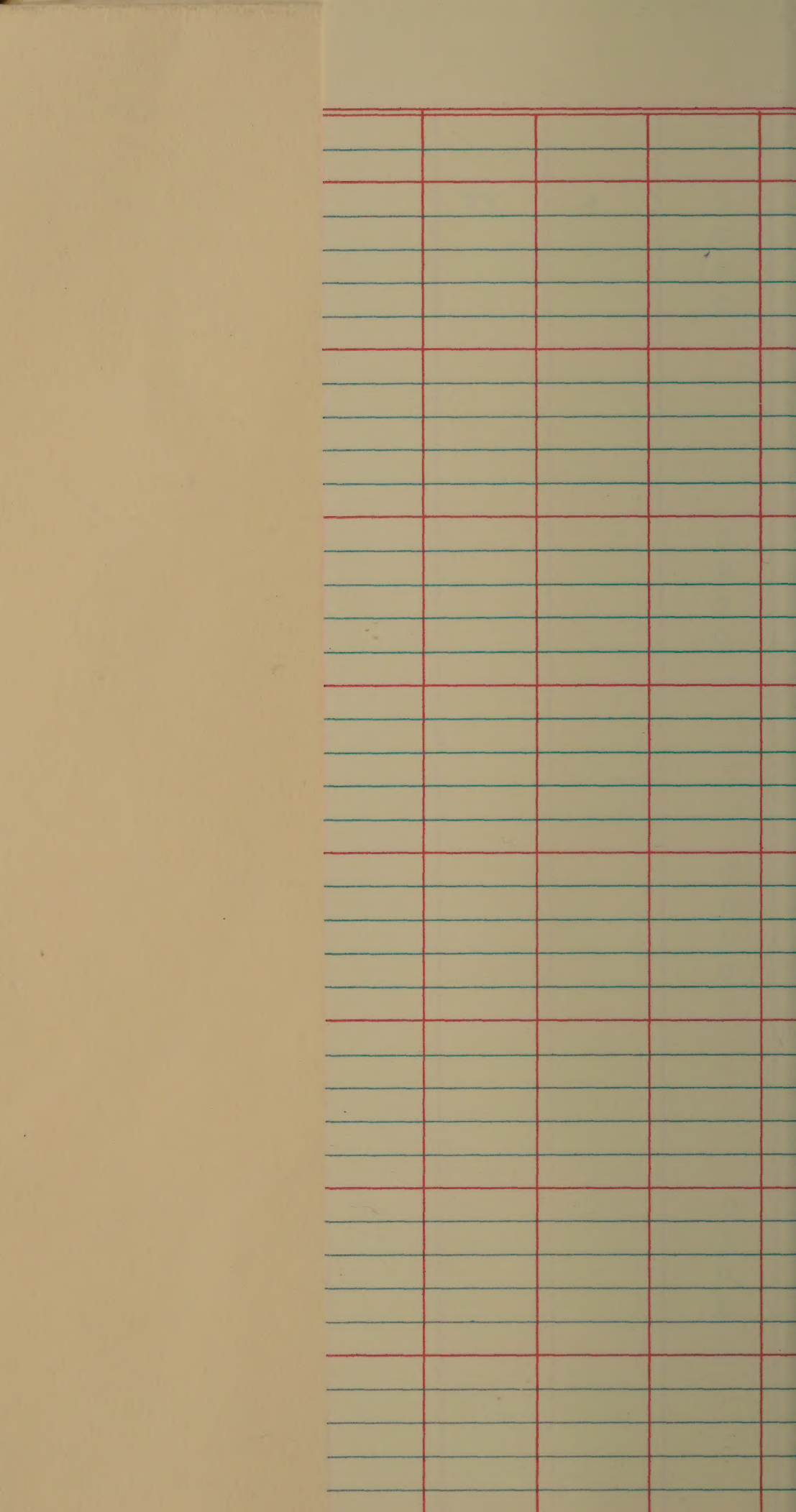
8/27

(843)

Good; reg. ?; slow
pon. mgt.

UHM

[illegible]



LE/17.

1155

1163

1067

1101

5815

1017

852

931

840

4691

1242

1085

1079

1147

5849

1242

1056

1106

1106

5806

97

33

RU8202033

7/12 193	8/12 224	104
7/12 ↓	8/12	107
7/12 ↓	8/12	106
7/13 194	8/12 ↓	105

mgt

34

9906/9693

RU8201034

7/13 194	8/25 237	95
7/14 195	8/25	90
7/14 195	8/25	89
7/15 196	8/25 ↓	90

Looks very good

mgt

35

B774A1-Bk-153

-1

RU8203035

(1202)

7/13 194	8/12 224	79
7/13 194	8/12	74
7/12 193	8/12	72
7/13 194	8/12 ↓	75

Hv. borders

8/16

Excellent surf; 11/11m
Needs more N!

lgt

36

9906/9633

RU8101136

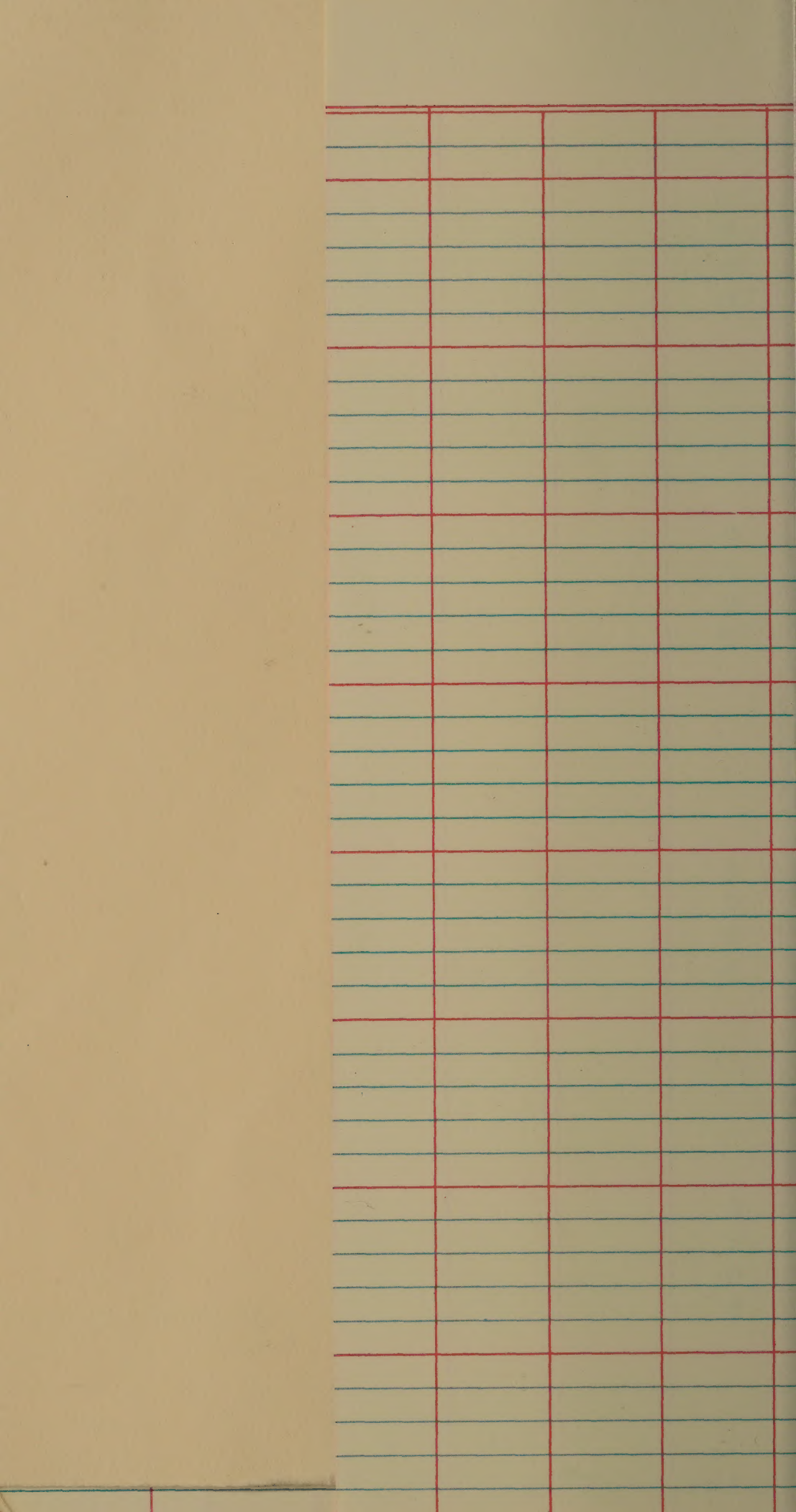
(136)

7/13 194	8/25 237	94
7/13 ↓	8/25	87
7/13 ↓	8/25	95
7/13 ↓	8/25 ↓	95

Looks very good

mgt

[illegible]



LB./H.

1093

1053

1090

1015

5473

1185

944

1087

1074

5517

921

881

817

837

4495

989

886

1211

1123

5426

Date seeded: 4/7/82

Seed
097

41

NATO

7/16	197	8/25	237	128
7/13	194	8/25	↓	117
7/13	↓	8/25	↓	118
7/13	↓	8/25	↓	115

(41)

42

9694/DAWN//
STBN/DAWN

7/18	199	8/20	232	123
7/15	196	8/20	↓	108
7/14	195	8/20	↓	110
7/15	196	8/20	↓	110

RU8101181

(181)

1gt

43

B741A1-85-3-6
-2-1

7/21	202	8/19	231	84
7/16	197	8/19	↓	80
7/21	202	8/19	↓	83
7/16	197	8/19	↓	78
7/19				81

RU8003043

(BR)

1gt

~~LMV1~~

44

7/14	195	8/18	230	94
7/14	195	8/18	↓	93
7/12	193	8/18	↓	96
7/12	193	8/18	↓	92

RU8102044

(44)

1gt

40

0

0

0

x

xy

10

0

0

0

0

0

0

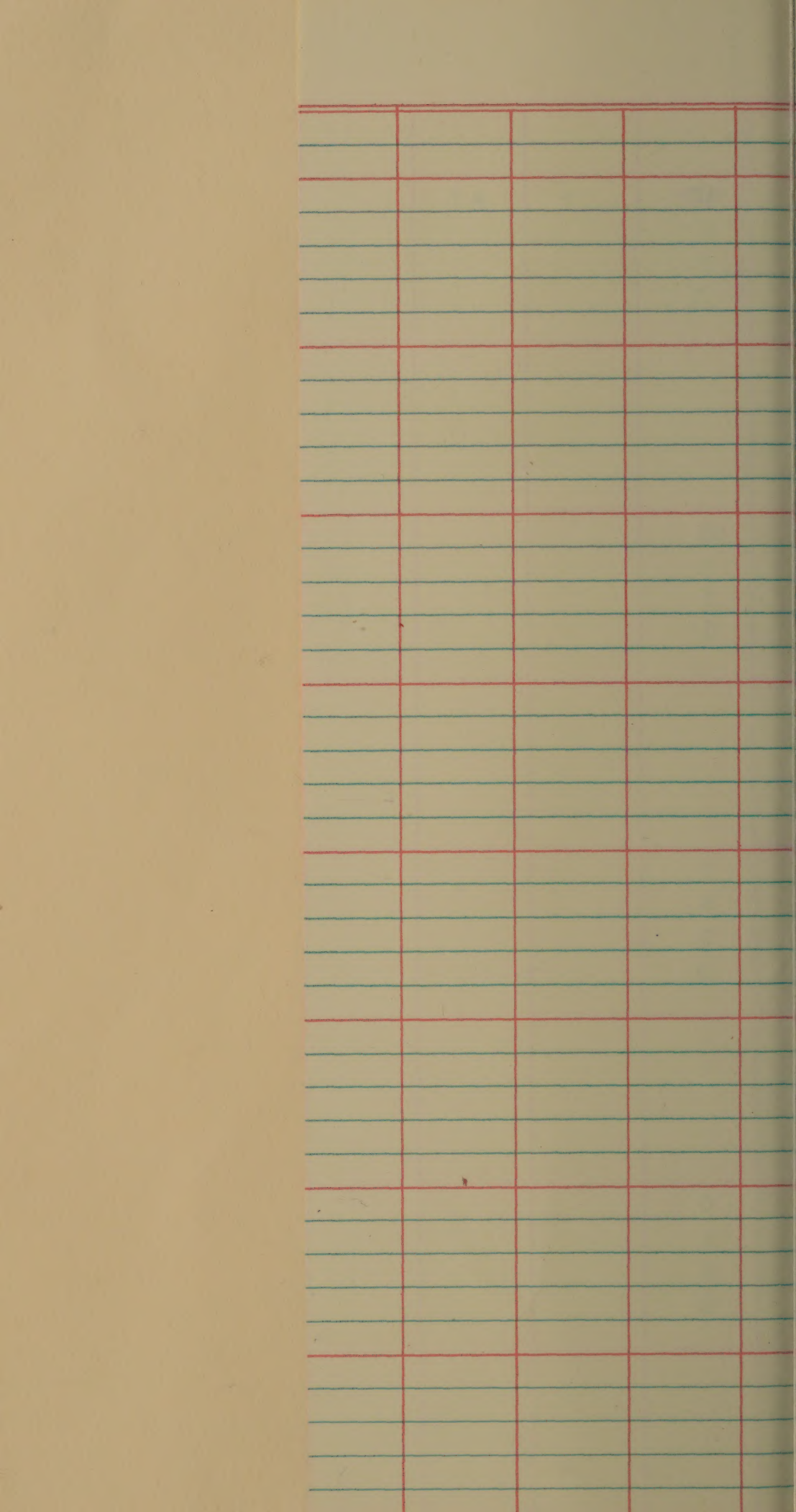
0

0

0

0

0



LB/A.

1088

1074

957

997

5282

1068

1016

1050

947

5255

925

922

1086

984

5154

1108

1015

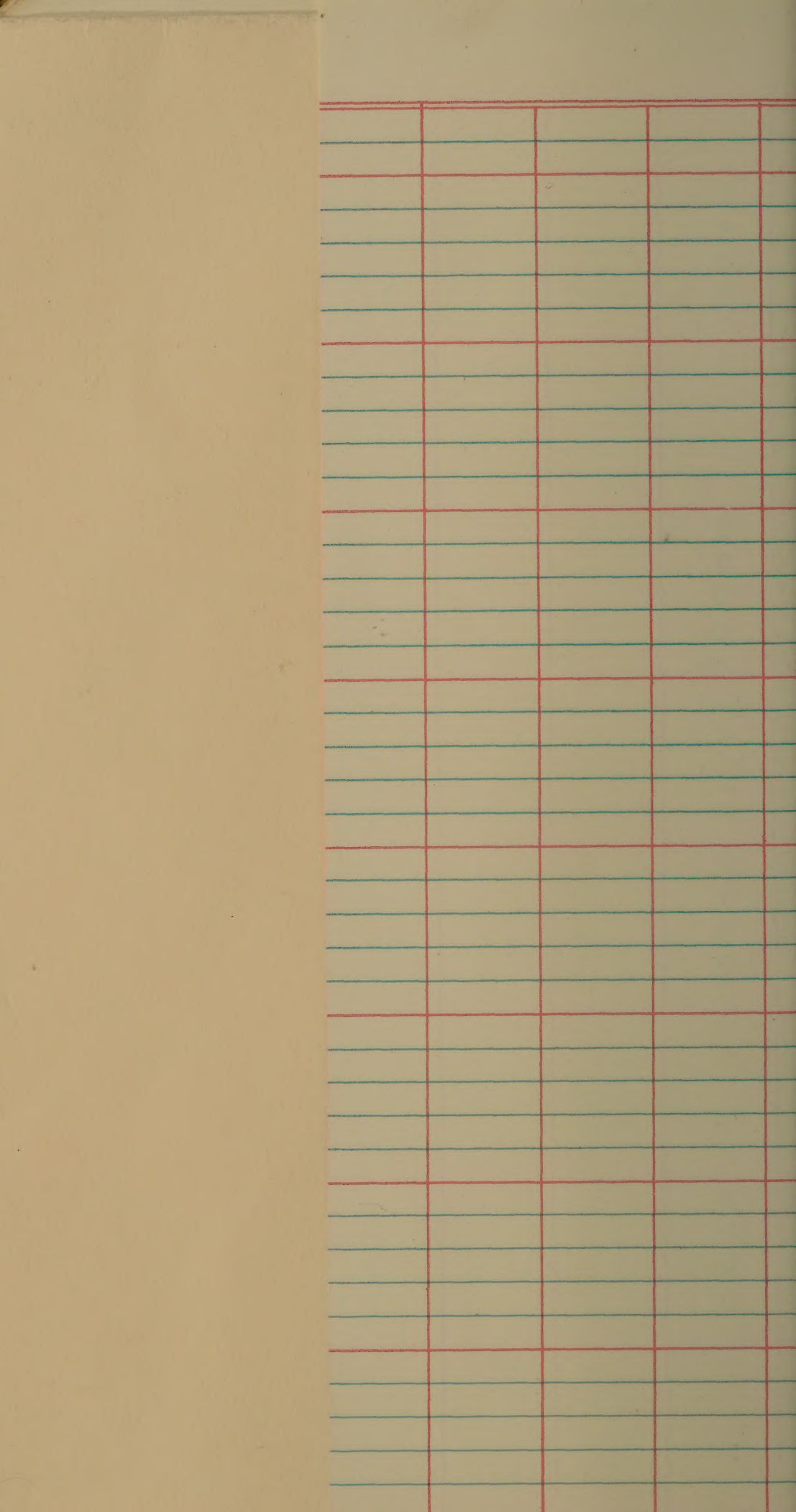
1163

1137

5694

Seed 097				
45	DAWN/BW73	7/18 199	8/18 230	103
		7/16 197	8/18	97
	NWBT	7/14 195	8/18	95
	RU7901045	7/16 196	8/18 ↓	95
	(45)			
		1gt		
46	BLMT	7/19 200	8/18 230	82
		7/14 195	8/12	79
	CI 9978	7/13 194	8/12	70
		7/15 196	8/12 ↓	74
	(Fa)	7/15		76
	Pass stored up II	1gt		
47	RE13/NATO//	7/22 203	8/25 237	112
	TN-1/3/95NR	7/20 201	8/25	106
		7/20	8/25	108
	RU7902047	7/20 ↓	8/25 ↓	105
	(47)			
48	B7431A1-II-4-4	7/12 193	8/20 232	88
		7/12 193	8/20	81
		7/11 192	8/20	87
Hv'd borders	RU8003048	7/12 193	8/20 ↓	80
8/24	(48)			
	Excellent, short plant			

[illegible]



LB.
/N.

915

858

1008

877

4726

877

884

973

927

4735

925

821

936

1003

4739

1251

1169

1283

1260

6433

Seed
097

49

9879/9633

7/18 199 8/25 237 103

7/15 196 8/25 237 103

7/18 199 8/25 ↓ 98

RU8101148
(148)

7/17 198 8/25 ↓ 98

ngt

50

BT41A1-21-3-3

-3-1

7/15 196 8/12 224 88

7/13 194 8/12 ↓ 85

7/15 196 8/12 ↓ 80

7/13 194 8/12 ↓ 78

Hv. borders

8/18

RU8003050

(50)

p/p

For head rows

Earlier than UVA 43

lgt

Dnt

Very good

UHM

Needs more N!

51

7/16 197 8/12 224 92

7/14 195 8/12 ↓ 91

7/15 196 8/12 ↓ 86

RU8002051

7/14 195 8/12 ↓ 87

(51)

lgt

52

9906/9633

7/16 197 8/18 230 98

7/14 195 8/18 ↓ 93

7/14 195 8/18 ↓ 93

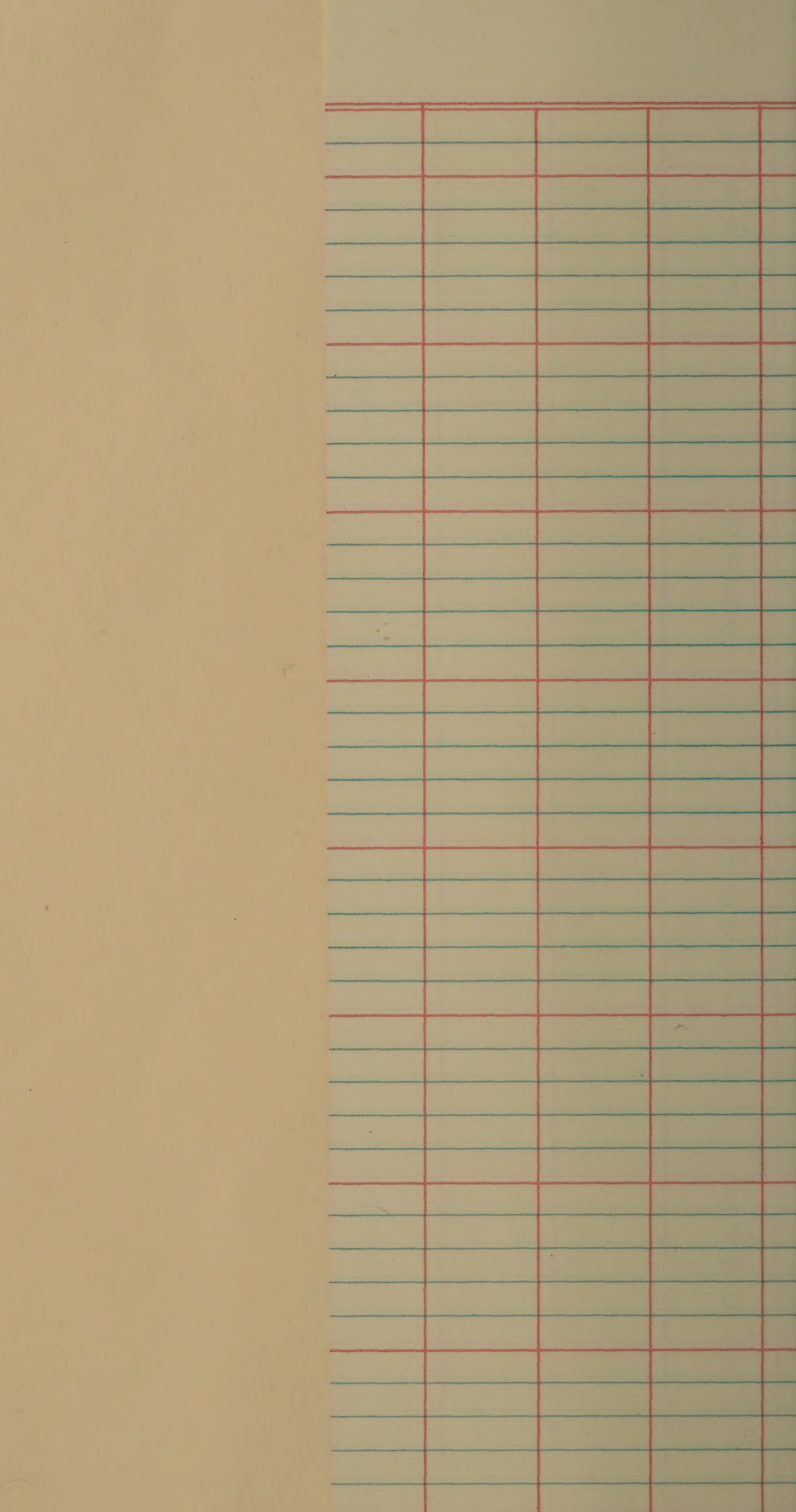
RU8101133

7/16 197 8/18 ↓ 94

(133)

ngt

[illegible]



LB/A.

1074

1205

1002

1087

5617

866

1057

1057

997

5156

887

918

923

872

4667

970

1059

1143

950

5265

Seed
097

53

B7439M-14-3

-4-BK-3

RU8003053

(53)

7/17 198 8/25 237 88
7/15 196 8/25 83
7/15 196 8/25 85
7/16 197 8/25 ↓ 83

Tall average; perhaps
too early? Gr.
very good!

54

9879/9633

RU8101054

(54)

7/14 195 8/20 232 88
7/14 195 8/20 83
7/13 194 8/20 87
7/13 194 8/20 ↓ 88

mgt

55

M-302

Hv'd borders
8/24

(55)

7/12 193 8/18 230 100
7/13 194 8/18 100
7/13 194 8/18 101
7/14 195 8/18 ↓ 98

56

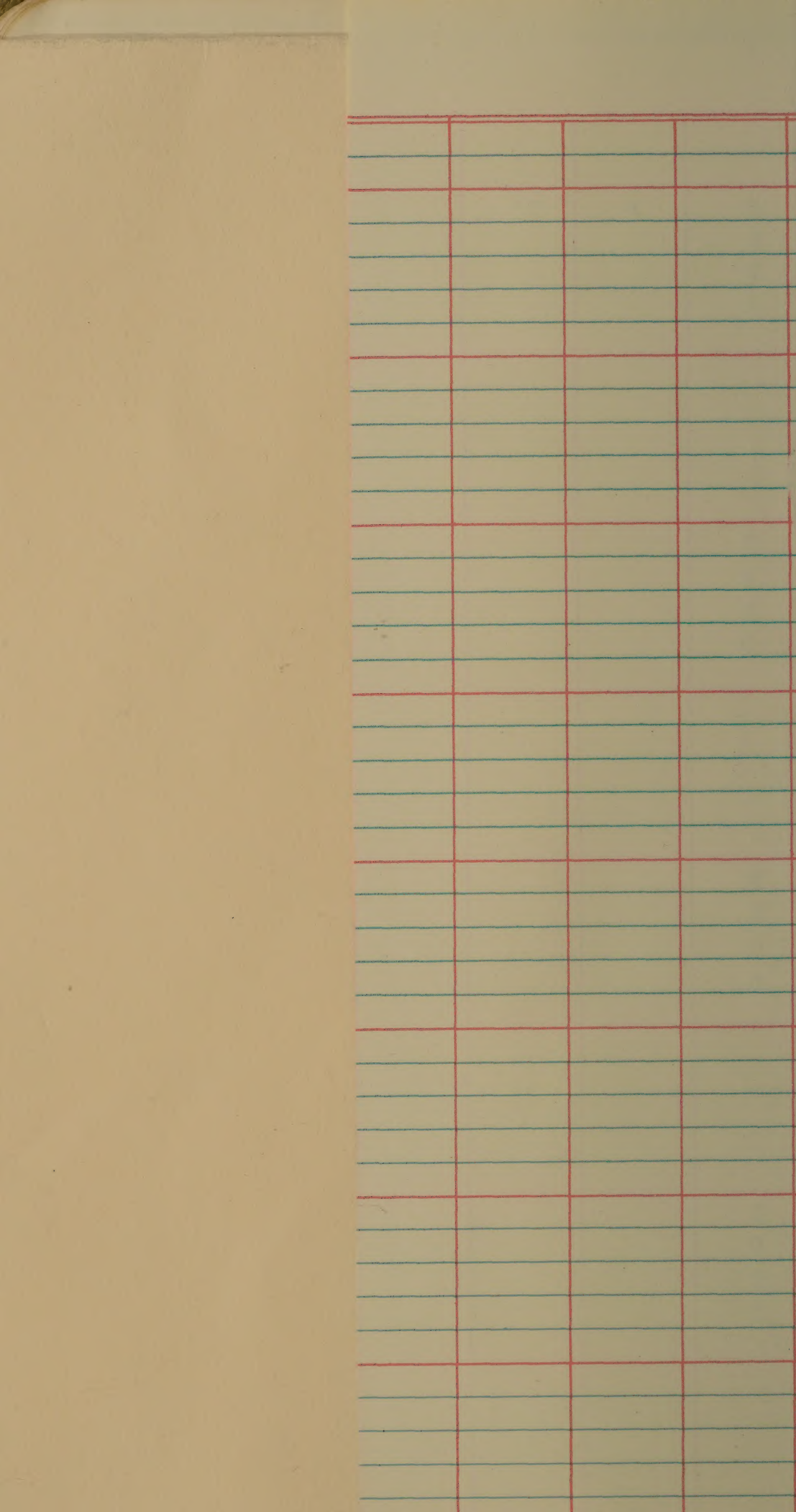
RU8102063

(63)

7/11 192 8/10 222 90
7/13 194 8/10 89
7/12 193 8/10 89
7/12 193 8/10 ↓ 89

2gt

0	x	yy	
0			
0			
0			
0			
0			
0			
0			
0			
0			
0			
0			
0			
0			
0			
0			



LB/A.

1117

1107

1198

1112

5858

981

1088

1170

1035

5484

992

963

1102

894

5053

1155

1000

1008

1031

5424

Date seeded: 4/7/82

Seed
097

61

DAWN/9695

// STBN

RU 8101178

(178)

7/18/99 8/16 228 101

7/15/96 8/16 101

7/15/96 8/16 99

7/17/98 8/16 ↓ 97

lgt

62

BT442A1-174-5

-BK

RU 8103062

(62)

7/17/98 8/23 235 88

7/16/97 8/23 86

7/16/97 8/23 86

7/17/98 8/23 ↓ 90

Short, good

63

7/20/201 8/20 232 101

7/19/200 8/20 100

7/20/201 8/20 100

7/20/201 8/20 ↓ 98

RU 8002102

(102)

Tall early regens.

here

go

64

DAWN/9695//

STBN

RU 8201064

7/15/96 8/12 224 109

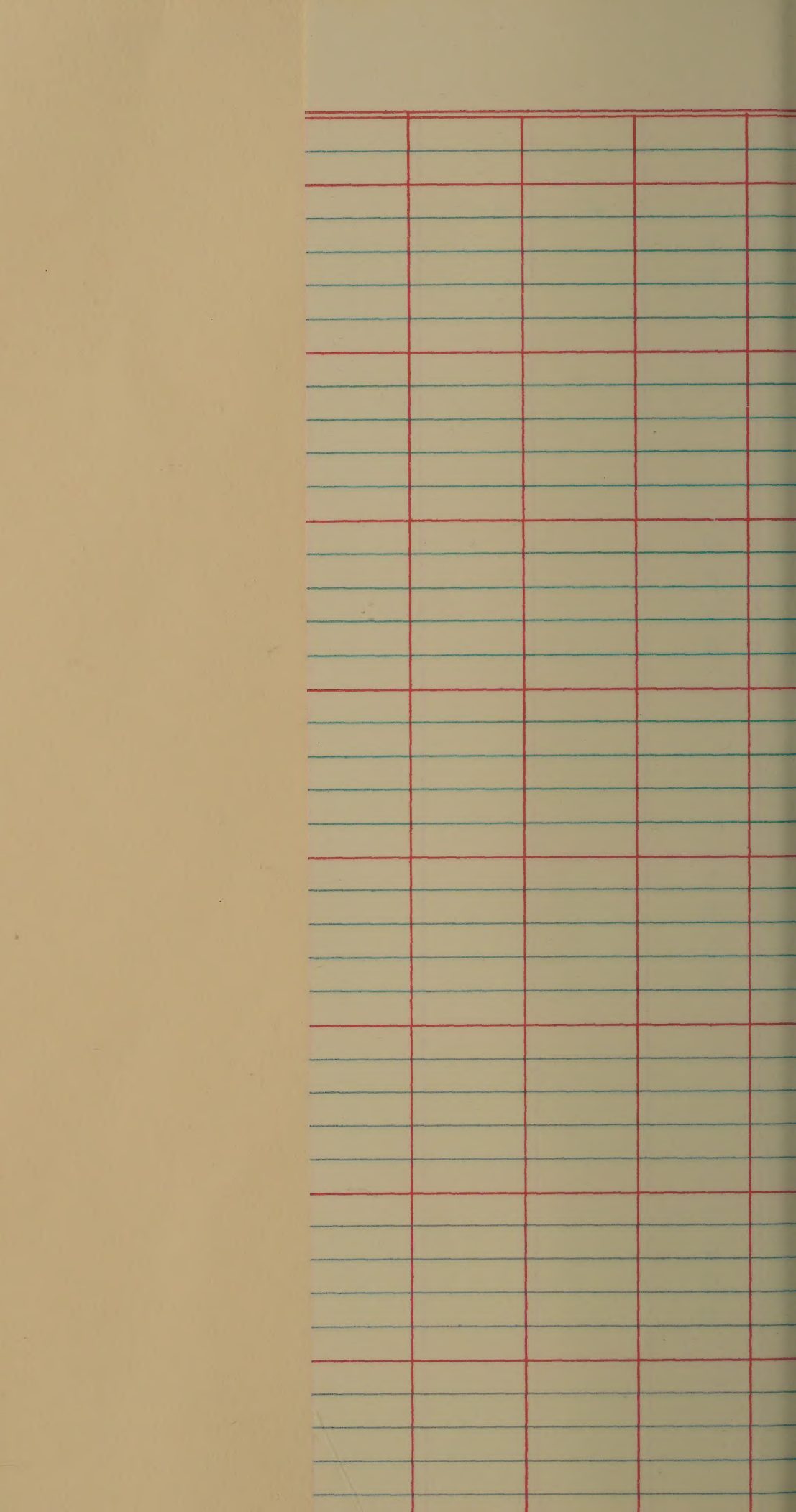
7/14/95 8/12 109

7/15/96 8/12 108

7/15/96 8/12 ↓ 106

lgt

[illegible]



LB/A.

719

830

775

854

4115

966

1028

1036

1019

5255

832

949

956

896

4667

781

874

895

847

4388

3-2-4
0 77

65

NTAI

CI 9836

7/18	199	8/25	²³⁷ 269	99
7/16	197	8/25		100
7/17	198	8/25		95
7/19	199	8/25	✓	89

66

DAWN/2-17//
13-D/RXRE

RU8102066
(66)

7/15	196	8/12	214	98
7/13	194	8/12		94
7/14	195	8/12		100
7/15	196	8/12	✓	94

1gt

67

BN73/STBN

RU8101193
(193)

7/24	205	8/20	232	95
7/23	204	8/20		94
7/24	205	8/20		92
7/24	205	8/20	✓	100

1gt

68

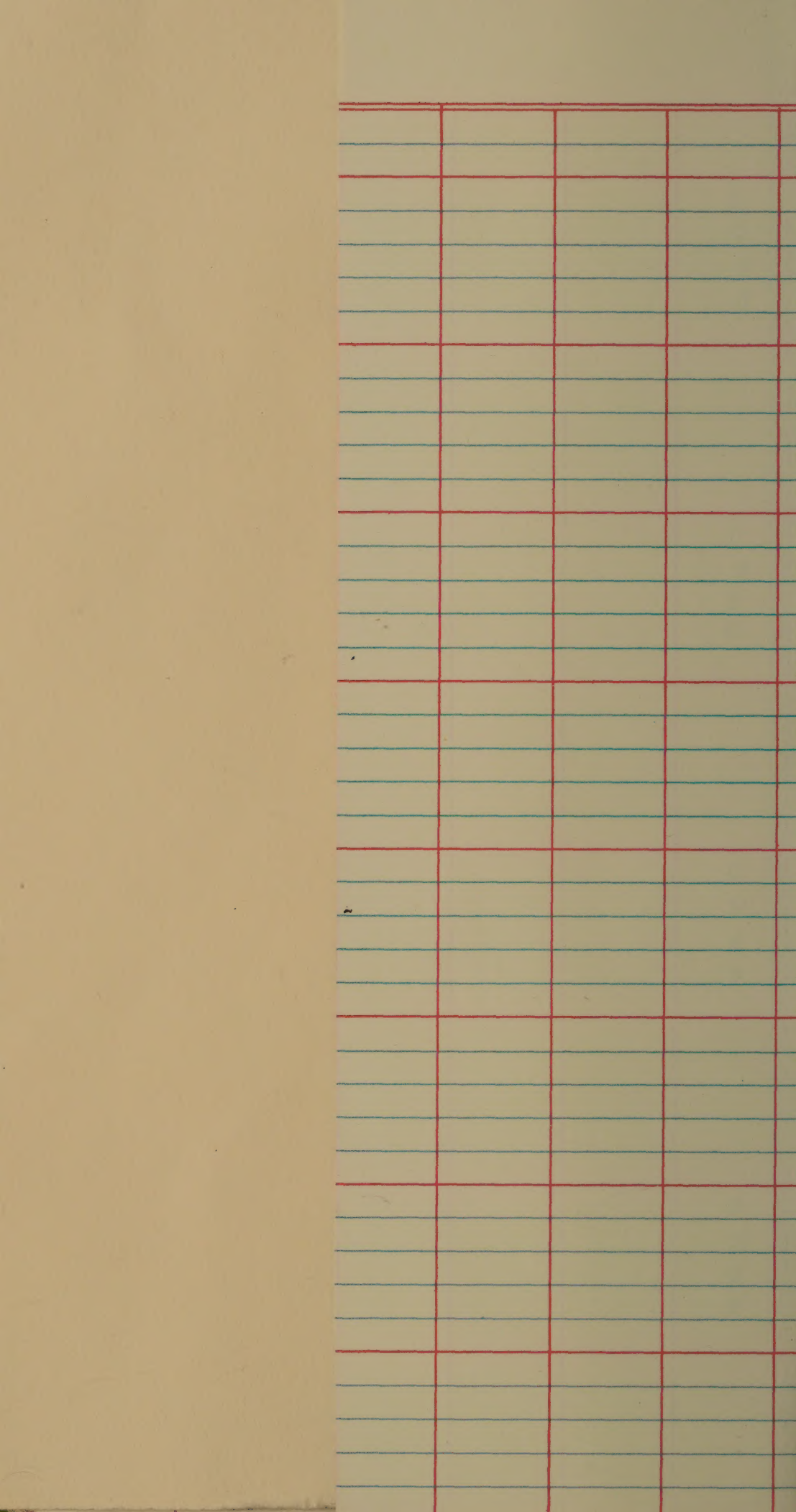
STBN

CI 9584

7/21	202	8/20	232	96
7/21		8/20		92
7/21		8/20		95
7/22	203	8/20	✓	94
				94

1gt

[illegible]



LB/A

932

950

895

715

4522

920

1011

931

953

4961

801

801

756

866

4414

753

703

707

725

3731

Sid

097

69

BT41A1-12-3-6

-1-3-Bk

Hv

borders

8/13

RU8103165

(165)

7/15 196 8/12 224 79

7/13 194 8/12 80

7/13 194 8/12 78

7/14 195 8/12 ↓ 80

tall - rogue (original)

Good; needs more H!

Dm

lgt

70

BT41A1-110-2

-2-2

RU8203070

(638)

7/17 198 8/13 225 76

7/16 197 8/13 225 77

7/16 197 8/25 237 76

7/16 197 8/25 237 75

Dm

UHM

lgt

reps C & D harvested
late through error!

71

BN13/STBN

RU8201071

7/21 202 8/20 232 103

7/19 200 8/20 232 105

7/19 200 8/20 ↓ 104

7/21 202 8/20 ↓ 102

lgt

72

BT439A2-24-2

-1-5-3-1

Hv'd borders

8/24

RU8203072

(1308)

7/13 194 8/20 232 80

7/12 193 8/20 82

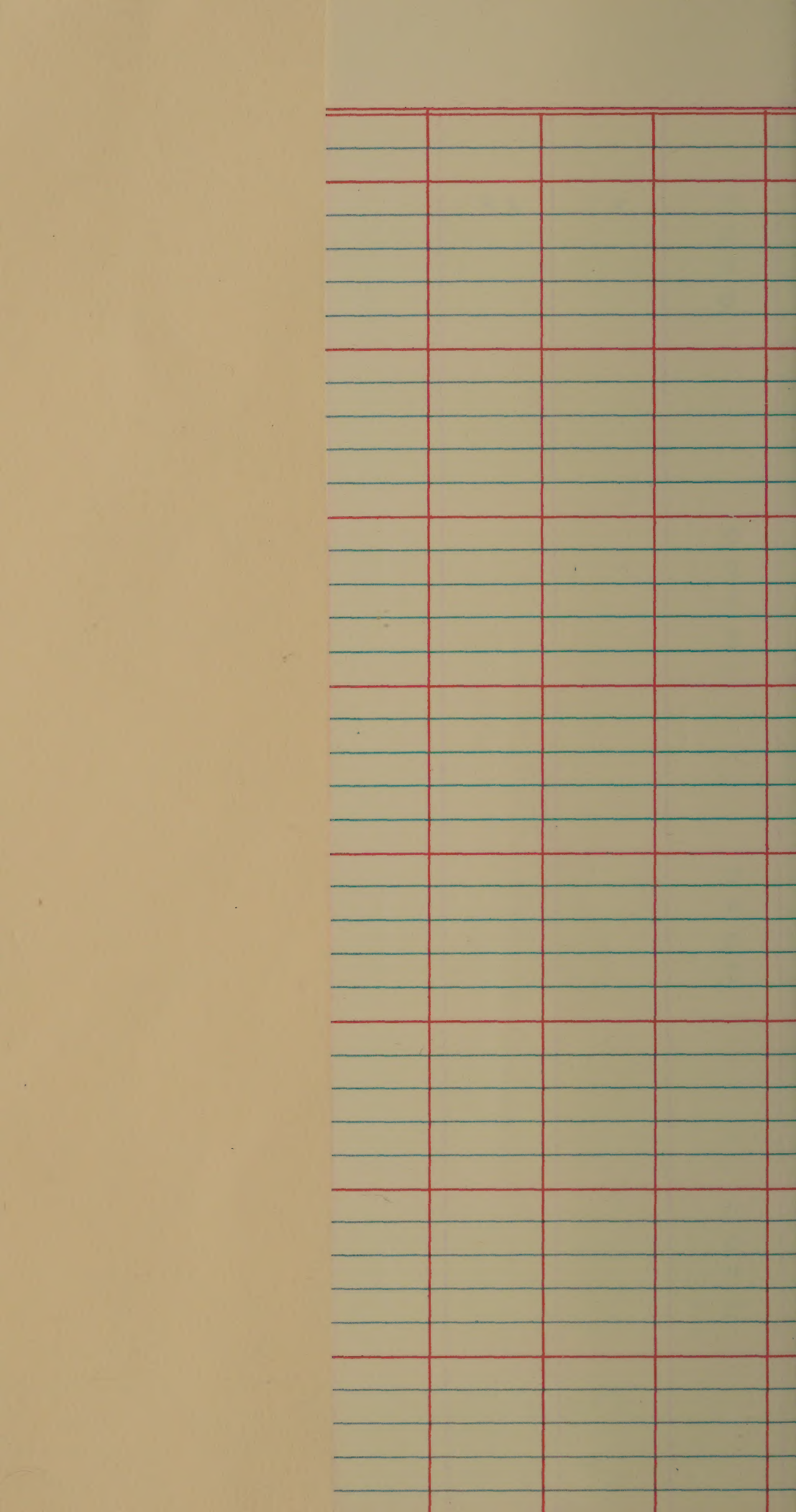
7/12 193 8/20 80

7/13 194 8/20 ↓ 80

Excellent; short

UHM; fast growth?

[illegible]



LB/A.

828

836

861

781

4300

834

881

843

827

4398

819

887

810

693

4160

1037

1114

1070

811

5203

Seed

a 97

73

RU7902149
(149)

7/15	196	8/16	228	98
7/13	194	8/16		100
7/13	194	8/16		100
7/14	195	8/16		95

mgt

Var. heading

74

STBN/TDCN

RU8201074

7/15	196	8/12	224	108
7/15		8/12		106
7/15		8/12		103
7/17	198	8/12		103

lgt

75

RU8002113
(75)

7/13	194	8/13	225	96
7/13		8/13		97
7/13		8/25		97
7/15		8/25		94

Var. ltr.

mgt

reps C+D cut
late through
oversight.

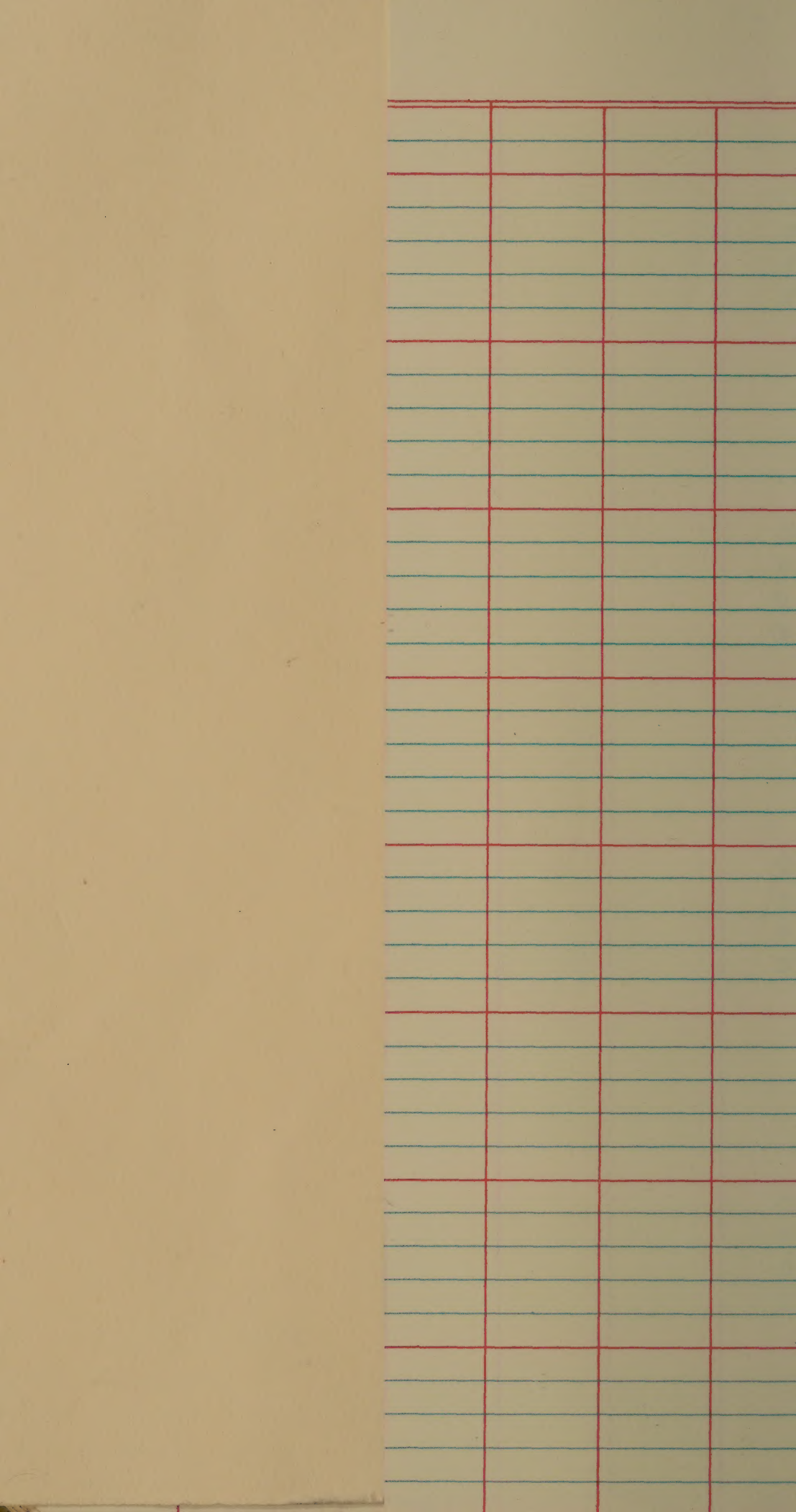
76

RU8102199
(199)

7/21	262	8/20	232	96
7/21	202	8/20		95
7/20	20	8/20		92
7/22	203	8/20		90

mgt

[illegible]



L8/n.

913

854

880

887

4565

790

825

832

750

4116

955

1013

940

831

4824

974

1002

1013

968

5072

Date seeded: 4/8/82

[illegible]

[illegible]

1

1

1

7/4

7/3

1

LB/A

1003

1070

5332

677

683

3919

1020

1039

5356

226

309

1386

Seed

098

85

BT74A2-Bk₂-21
- Bk₂

7/16 197

8/16 228 81

7/17 196

8/16 228 82

Hv'd borders

8/24

RU8203085
(321)

1gt

Good plant but poor
form; needs more N.

86

RU8201086

7/11 192

8/16 218 104

7/11 192

8/16 218 108

1gt

87

RU8102087
(87)

7/4 185

8/4 216 90

7/3 184

8/4 ↓ 90

Tall rogers

88

BT67A2-36-4-3
- Bk

7/21 202

8/18 230 101

7/20 202

8/18 ↓ 98

RU8103088
(88)

Some st. var?

1gt

Nm

Fair

VUF

LB/A.

0

1063

0

737

4682

0

956

0

1017

5047

0

962

0

1058

5191

0

782

0

831

4185

Seed
098

89

RU8201089

7/8 189 8/12 224 108
7/8 ↓ 8/12 ↓ 108

2gt

90

S-201

CI 9974

(90)

Seed PB

7/12 199 8/16 228 100
7/12 ↓ 8/16 ↓ 100

91

B7412A2-25-9
-2-2

RU8203091
(1283)

7/17 198 8/10 222 100
7/16 197 8/10 ↓ 95

1gt

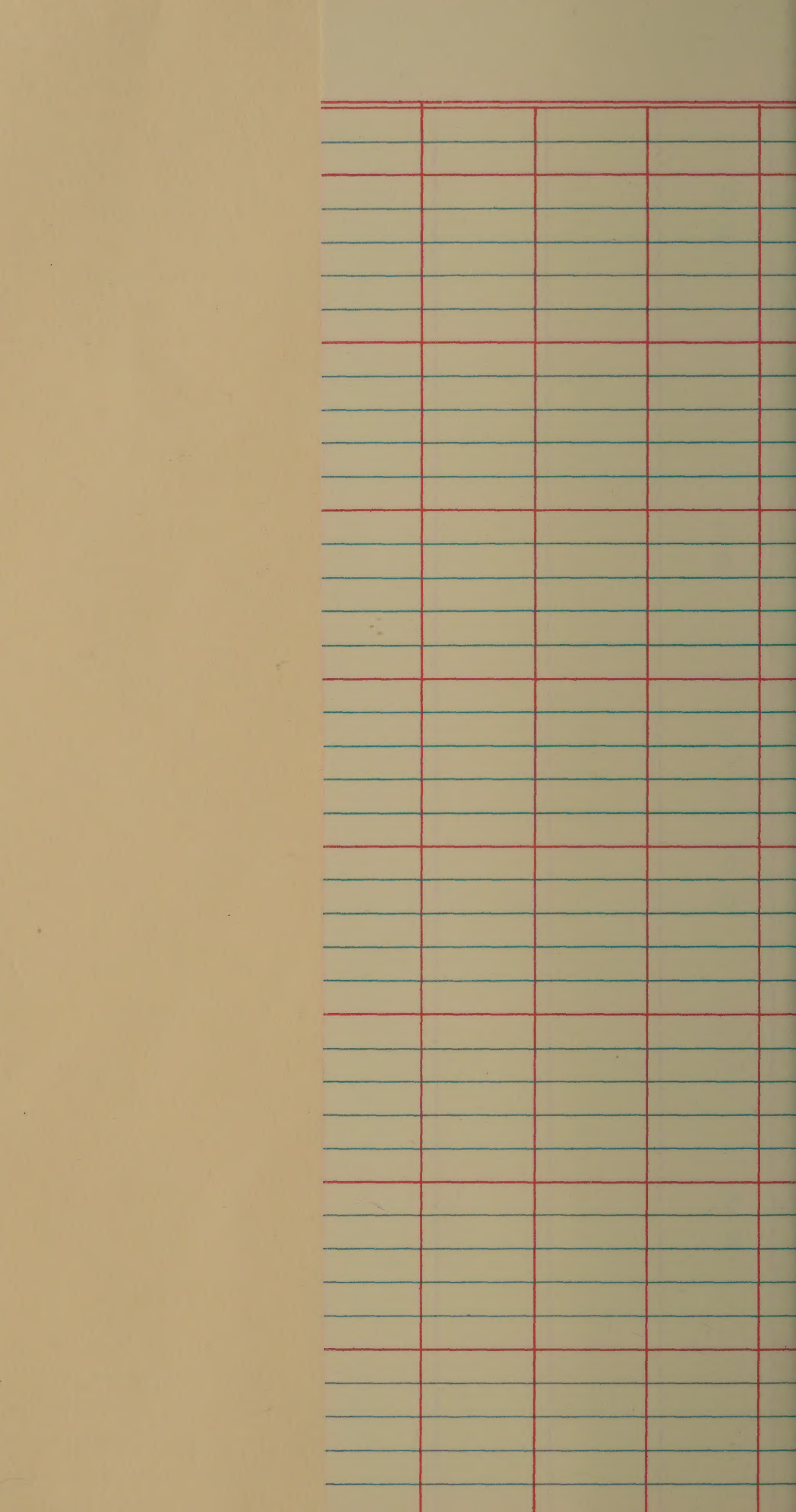
92

RU8201092

7/7 188 8/10 222 110
7/6 187 8/10 110

1gt

[illegible]



LB/12

1125

1023

5538

913

956

4880

880

886

4553

1072

1203

5860

Seed

98

93

7/11 192 8/20 232 106

7/11 ↓ 8/20 232 102

RU8102093
(93)

Looks good overall

mgt

94

B7121A3-Bk₃
-146-2-BK

7/7 188 8/4 216 101

7/6 189 8/4 99

RU8003094
(94)

lgt

95

7/8 189 8/12 224 107

7/8 ↓ 8/12 224 107

RU8201095

lgt

96

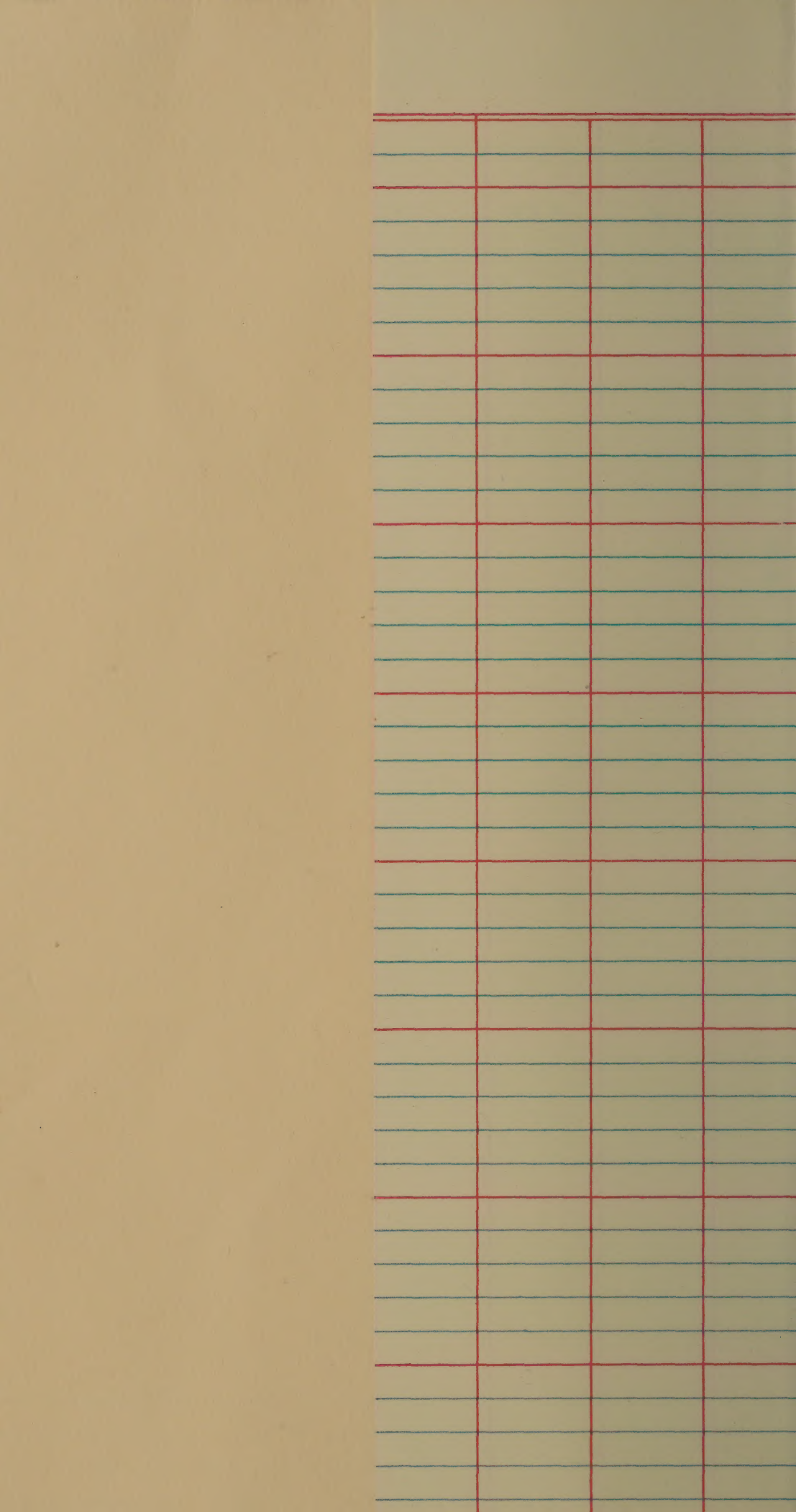
7/9 190 8/10 222 102

7/9 190 8/10 97

RU8202096

mgt

[illegible]



LB/17

1264

1228

6426

1044

1004

5299

1005

1142

5548

1111

1136

5754

Seed

a 98

97

B7121A3-Bk₃
-21-4

7/6 ~~187~~ 8/2 ~~214~~ 95
7/5 ~~188~~ 8/2 94

RU8203097
(344)

1st

98

³
7/12 ~~193~~ 8/18 ~~230~~ 95
7/12 ~~193~~ 8/18 ~~231~~ 95

RU8201098

mgt

99

7/15 ~~196~~ 8/16 ~~228~~ 105
7/15 ~~196~~ 8/16 109

RU 8002099
(99)

Vas. heading & ht.
Post

mgt

100

B714A2-Bk₂-133
-5

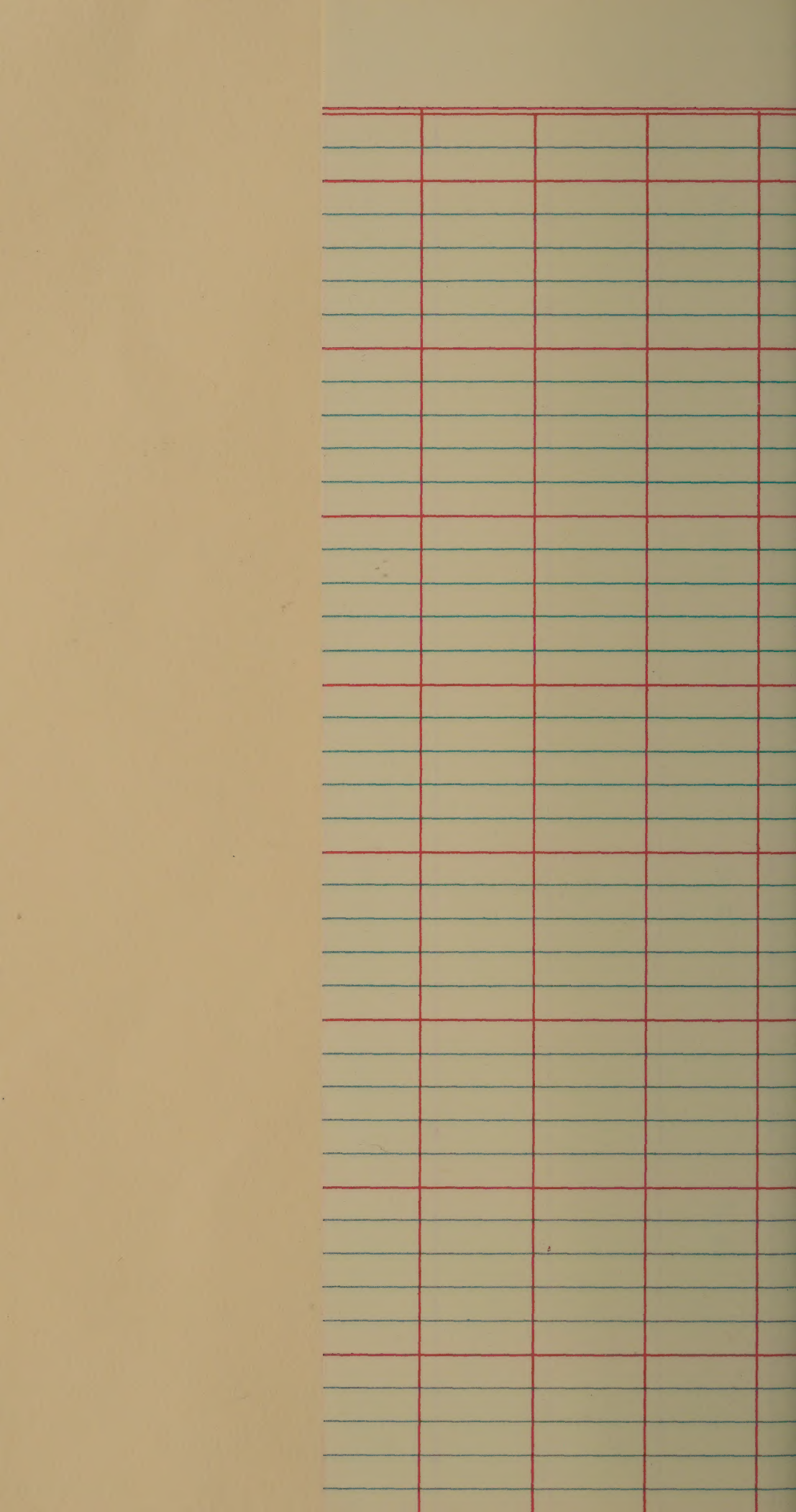
⁵
7/14 ~~196~~ 8/13 ~~226~~ 104
7/14 ~~196~~ 8/13 ~~226~~ 100

RU8203100
(323)

pm. desinus?

N
1st

[illegible]



LB/
A.

869

948

4705

1109

1209

5983

876

941

4694

1108

1116

5721

X X X

X

X X

X

X X X

X X X

X K V X

Seed

098

101

1

7/12/19³~~74~~ 8/20 232 97

2

7/11/19³~~72~~ 8/20 232 94

RU8201011

Gen. very good

mgt

102

1

7/6/19³⁷~~88~~ 8/14 216 104

2

7/5/19³⁷~~86~~ 8/14 216 102

RU8202102

mgt

103

B767A2-61-2

1

7/15/19³~~76~~ 8/13 225 80

-2-4

2

7/14/19³~~75~~ 8/13 225 77

RU8203103

(567)

Variable; only tall rogers

lgt

Replace from BR

104

7/12/19³~~74~~ 8/16 228 947/12/19³~~73~~ 8/16 228 93

RU8201104

mgt

x

0

0

0

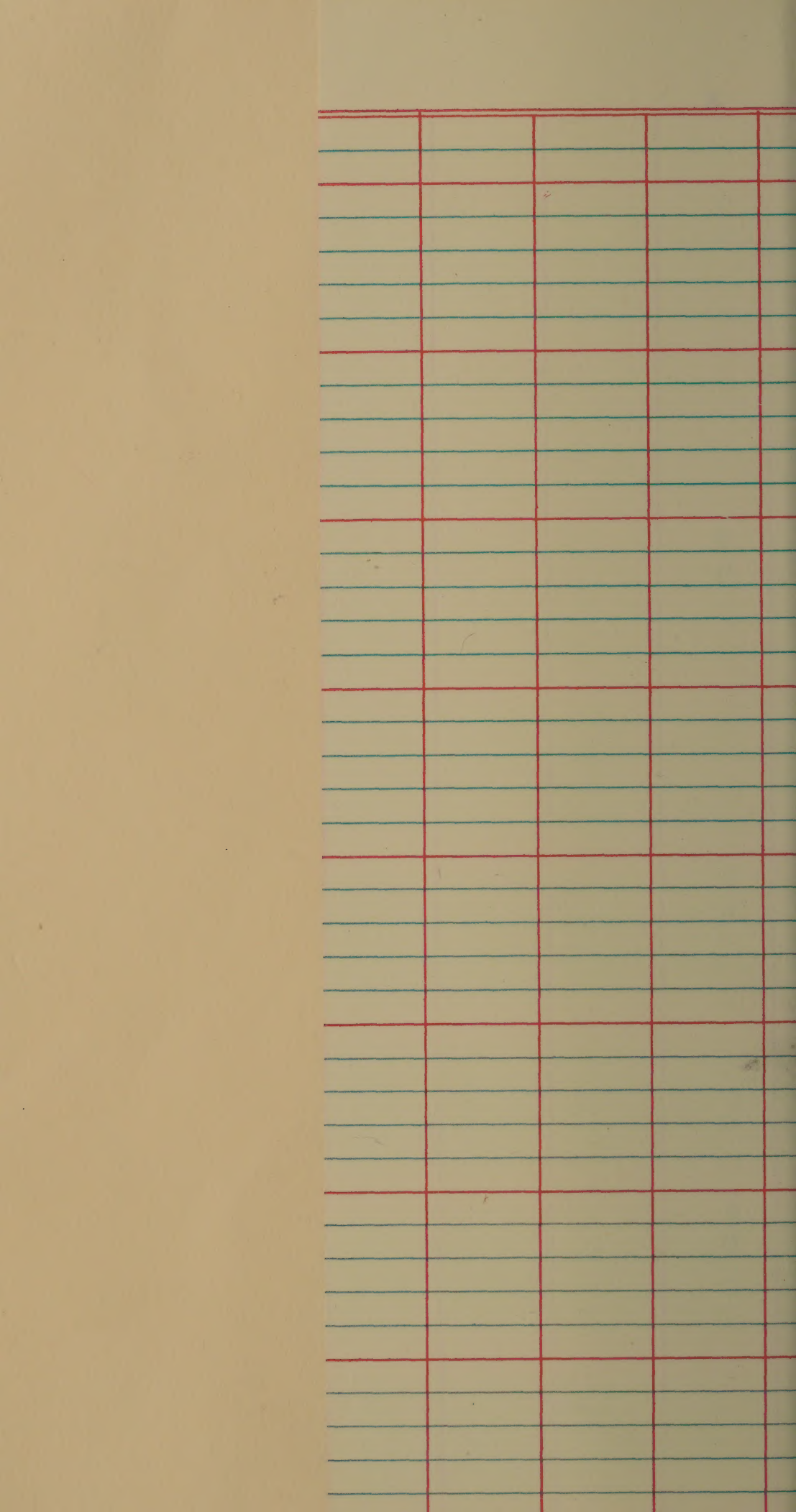
0

0

0

0

0



LB/
H.

1165

1042

5203

1083

1127

5664

1125

1036

5572

1139

1137

5901

Seed
098

105

RU8102105
(105)

Tall roques

✓
7/11 ~~192~~ 8/6 ~~218~~ 98
7/11 ~~193~~ 8/6 ~~219~~ 93

mgt

106

B774A2-Bk-73
-2

RU8203106
(520)

Very good

³
7/12 ~~191~~ 8/10 ~~222~~ 84
7/11 ~~192~~ 8/10 74

lyt
Dm
Rd. UHM

107

RU8201107

³
7/12 ~~193~~ 8/10 ~~222~~ 104
7/12 ~~193~~ 8/10 ~~222~~ 107

lyt

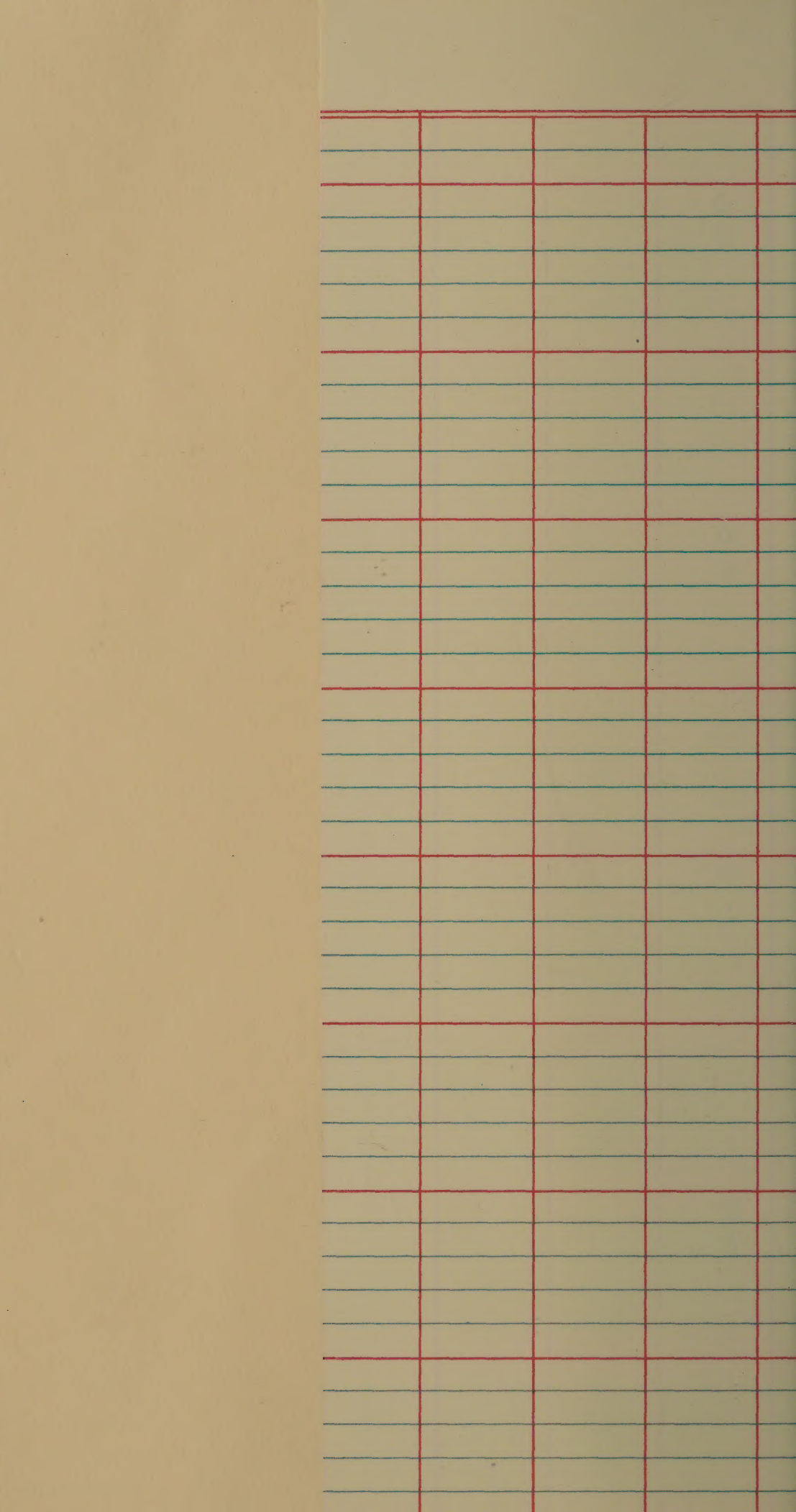
108

RU8202108

¹⁸⁹
7/8 ~~187~~ 8/4 ~~216~~ 110
7/7 ~~187~~ 8/4 ~~216~~ 104

mgt

[illegible]



LB/
H.1027
981

5119

1114
1066

5620

989
1020

5186

996
1011

5157

Seed
098

109

B774A2-Bk₂
-105-3-Bk

7/12 193 8/12 224 70
7/12 ↓ 8/12 75

RU8203109
(539)

lt
Dm

Some tall rugies.
Needs more N!

110

7/10 191 8/10 222 85
7/10 8/10 87

RU8201110

lt

111

7/12 193 8/13 225 109
7/12 8/13 110

RU8202111
(111)

no. lt.

mg

112

B7439A2-9-1-4
-Bk-2-Bk

7/15 196 8/26 238 105
7/15 8/26 103

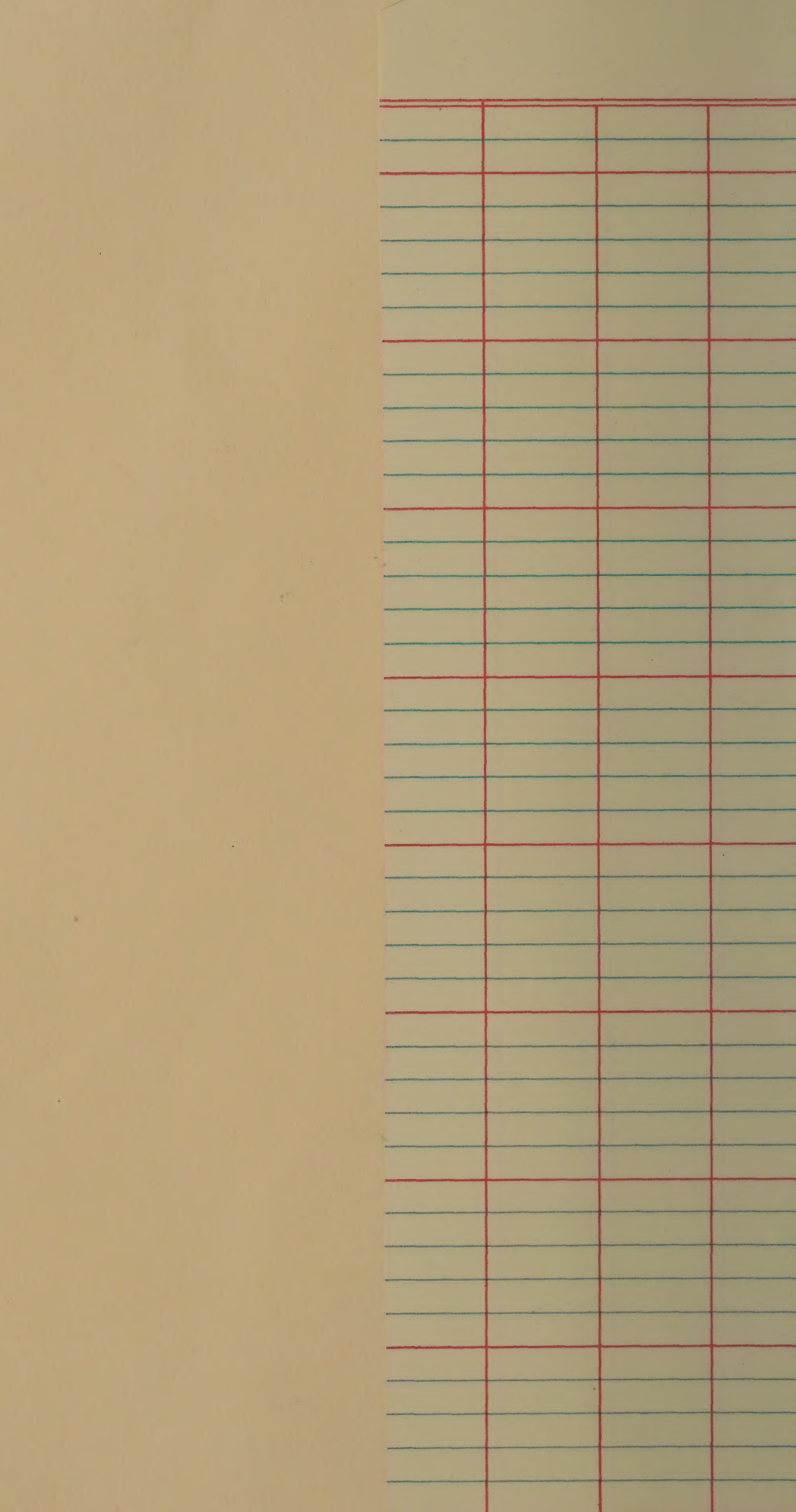
Hv'd borders
8/27

RU8103112
(112)

Very good

vel. UHm

[illegible]



LB/A

1039

920

5085

893

883

4630

1136

1081

5695

1244

1227

6305

Seed

098'

113

RU8201113

Variable

7/10	191	8/10	222	87
7/9	190	8/10		91

lyt

114

BT439A1-48-1

-4-3-3-5

7/17	198	8/26	238	100
7/16	197	8/26		98

Hv'd borders

8/27

RU8203114

(324)

Rather leafy but
high yields?
Slow pan. and.

rel. Usm

115

RU8202115

7/6	187	8/2	214	100
7/6		8/2		99

Ogt

116

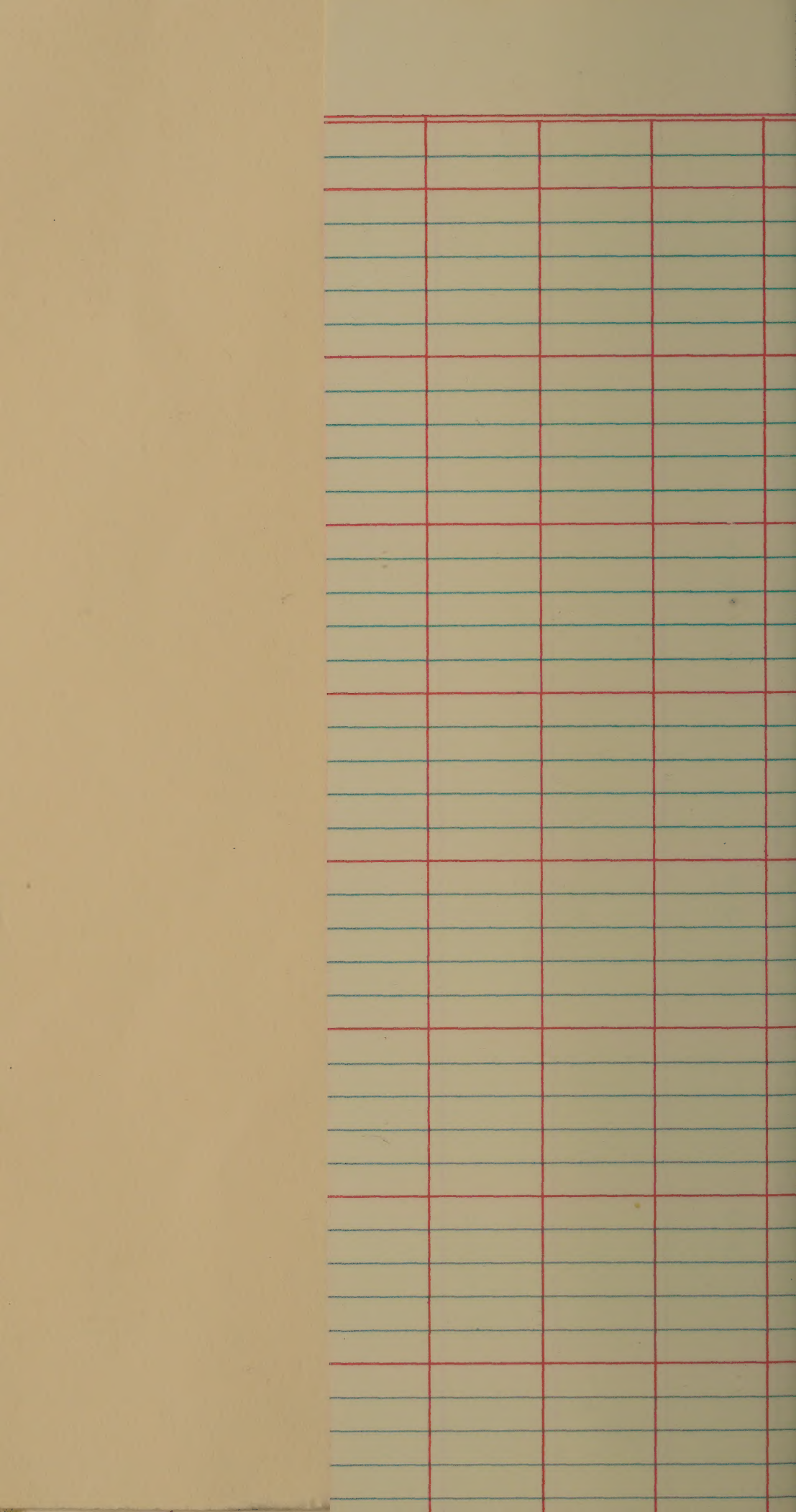
RU8201116

7/3	184	8/22	14	85
7/4	185	8/2		88

Var. lt.

mgt

[illegible]



LB/A.

812

898

4409

1259

1307

6577

1014

1041

5322

888

972

4805

Seed

098

117

IR-36

7/27 ~~208~~ 8/26 ~~257~~ 90

7/27 8/26 85

Hv'd border

8/27

1st

What source did other
stations use?

118

B774A2-Bk₂
-171-Bk-4

7/13 ~~194~~ 8/10 ~~222~~ 82

7/12 ~~193~~ 8/10 76

RU8203118
(1215)

Var. det.

Highly variable!

Replac!

1st

119

Nanking Sel.

7/10 ~~191~~ 8/12 ~~224~~ 84

7/10 8/12 84

RU8201119

harig
mgt

120

B7114A1-Bk₃
-84-1

7/12 ~~193~~ 8/10 ~~222~~ 94

7/12 8/10 94

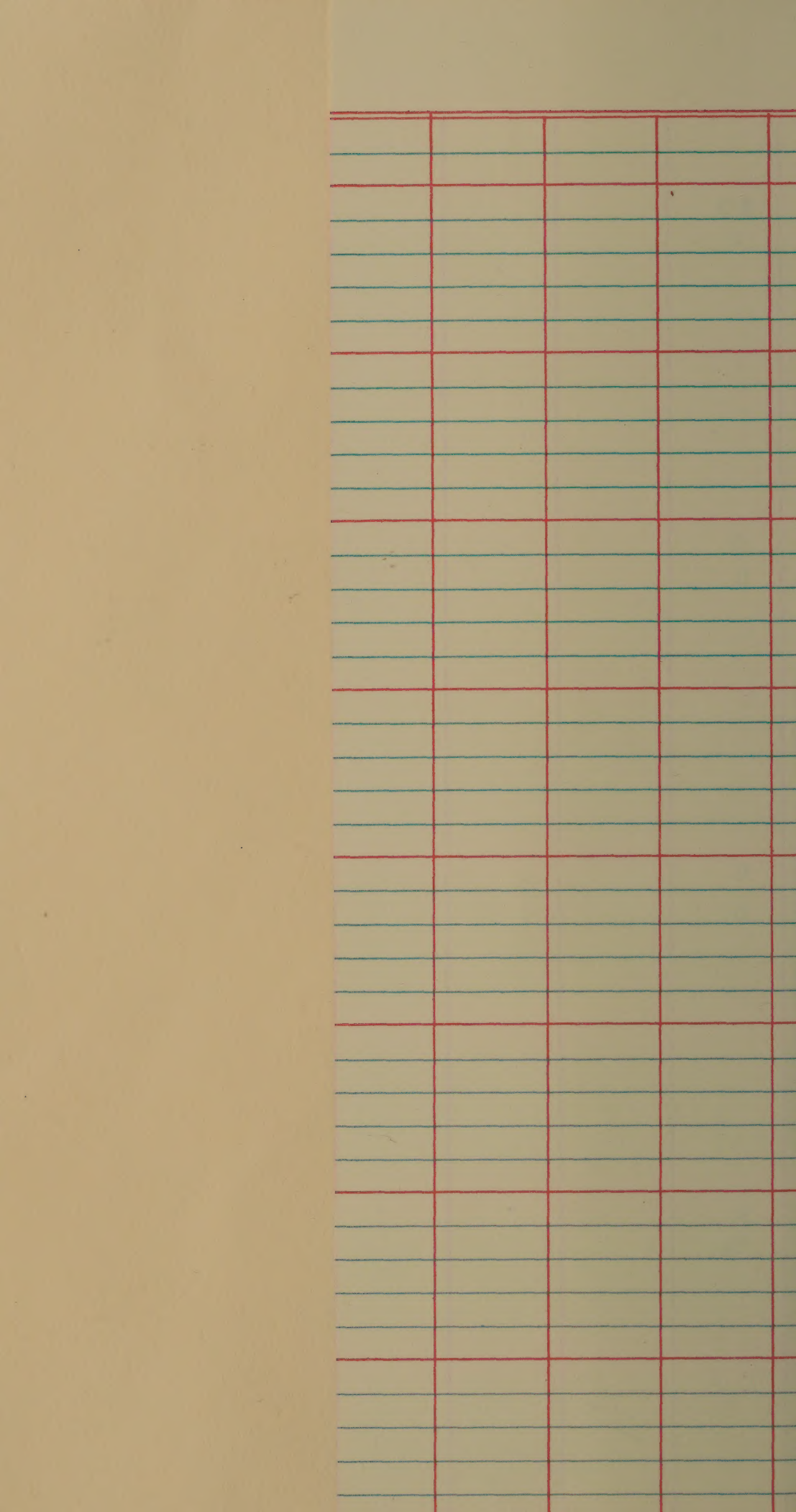
RU8003120
(120)

1st

80

0

10



1082
1073

5600

953
1000

5050

1368
1370

7123

959
920

4004

Date seeded: 4/8/82 (698)

50
098

121

NWRX

CI 9969

(Br)

more blanching
Poor stand, esp. II

7/18 199 8/18 230 116
7/21 202 8/18 108

1gt

122

BRAZ

CI 9875

(HR)

Stability of PB, esp. I

7/16 197 8/23 235 108
7/16 8/23 100

123

STRN

CI 9540

(123)

Poor stand, esp. I

7/16 197 8/18 230 117
7/13 194 8/18 116

124

MARS/VSTA

RU8101124

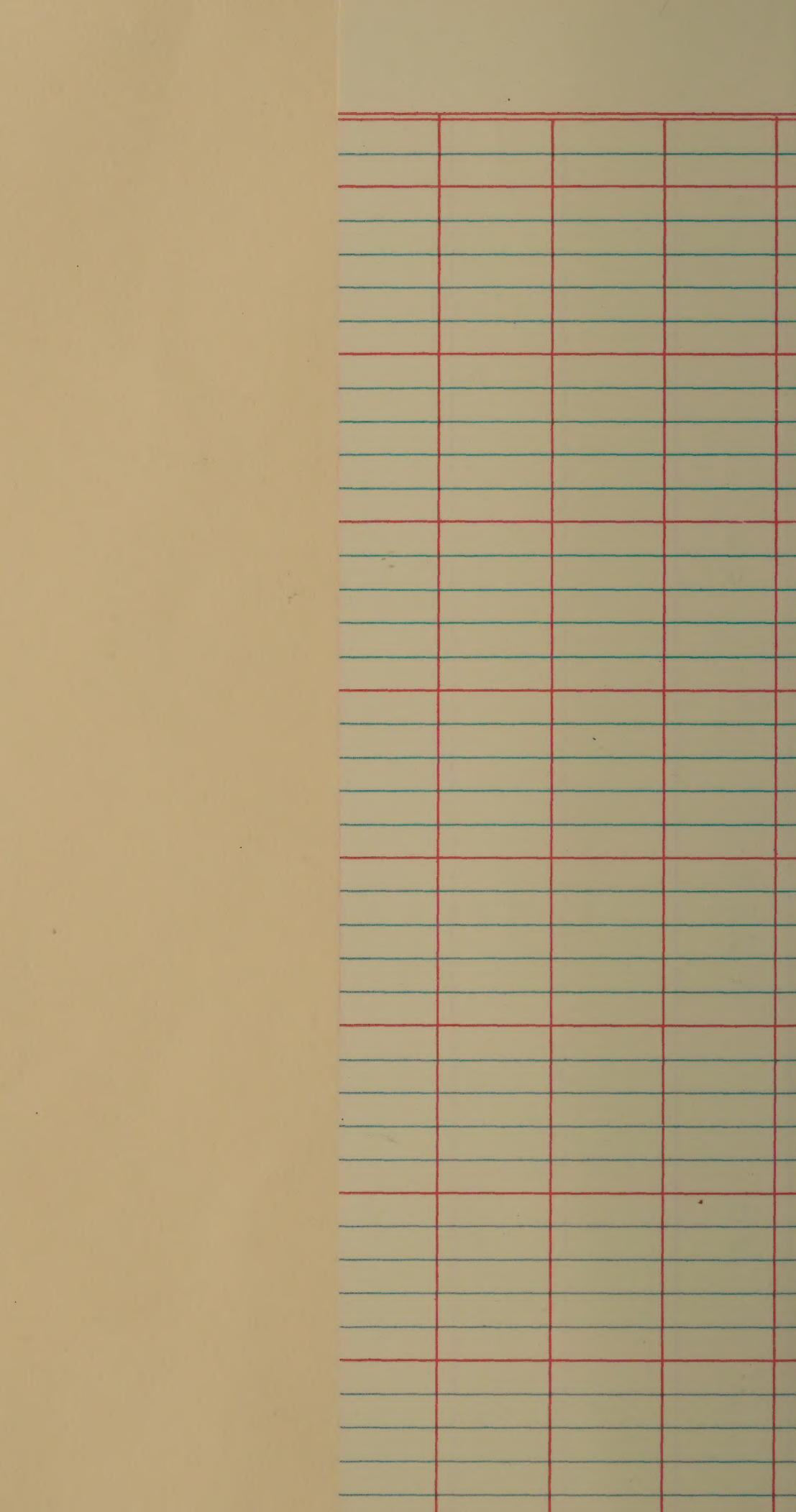
(124)

Looks good; neat

7/12 193 8/18 230 103
7/12 8/18 103

mgt

[illegible]



4064

5159

5510

6179

Seed
098

125

Sel from bulk
TREP crosses

7/19 ~~200~~ 8/18 ~~230~~ 103
7/19 8/18 97

RU8002125
(125)

lgt

126

M-9

7/19 ~~190~~ 8/10 ~~222~~ 100
7/18 ~~189~~ 8/10 94

CI 9968
(126)

poor stand rep. I

127

7/13 ~~194~~ 8/12 ~~224~~ 105
7/12 ~~193~~ 8/12 109

RU8201127

lgt

128

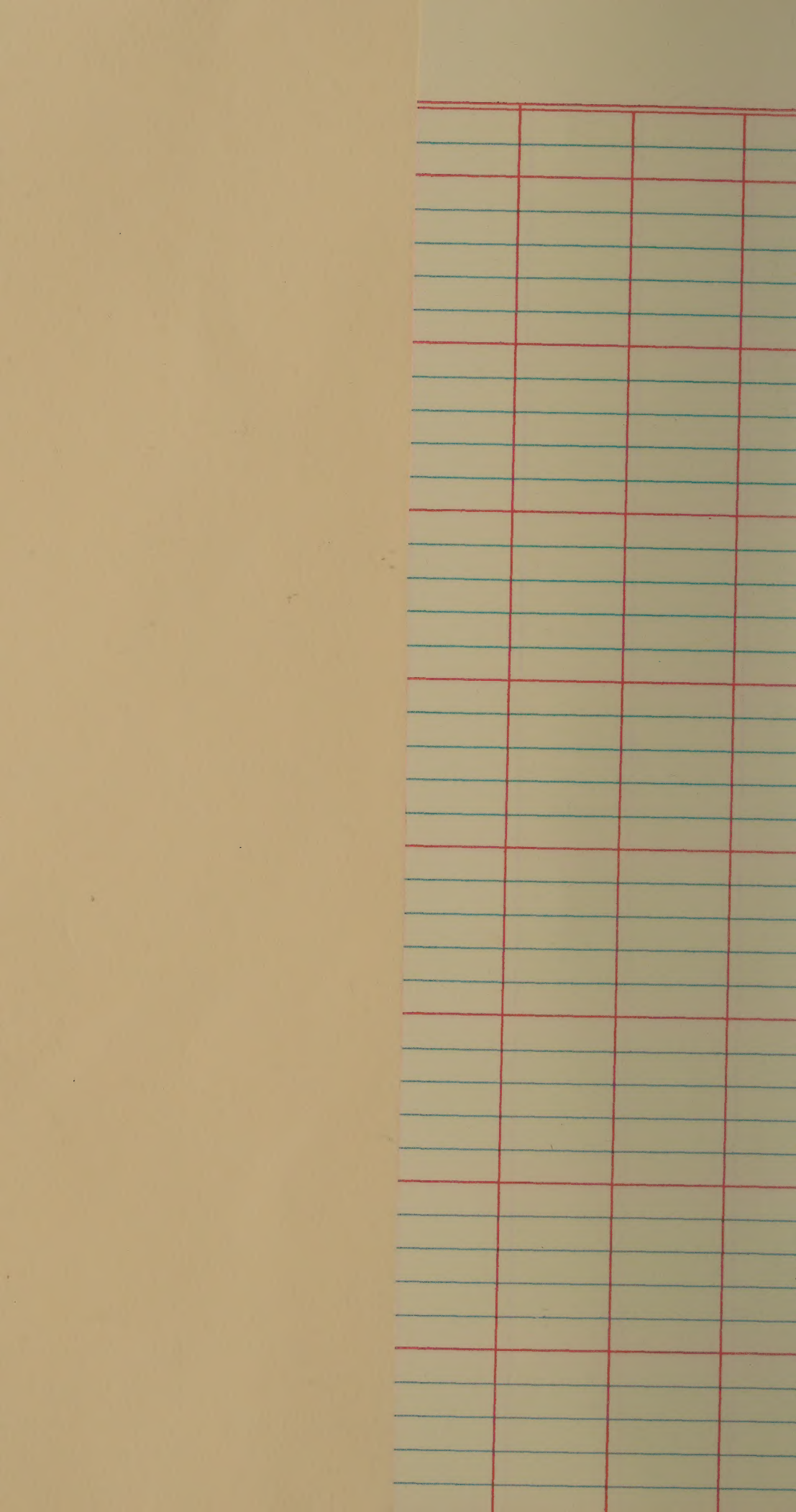
REMI/EYSN
// BRAZ

7/18 ~~199~~ 8/16 ~~228~~ 108
7/10 ~~191~~ 8/16 101

RU8202128

mgt

[illegible]



4493

3737

4981

4753

Seed

098

129

B767A2-14-9

-2

7/17 198 8/16 228 100

7/13 194 8/13 225 97

RU8203129

(1228)

Very good

Test with higher N

1gt

U4m

Nm

130

7/22 203 8/20 232 126

7/16 197 8/18 230 116

RU8201130

Tall

1gt

131

7/9 190 8/12 224 119

7/9 190 8/12 224 110

RU8202131

mg

132

B774A2-13-4

-5

7/16 197 8/18 230 102

7/17 198 8/18 230 93

RU8203132

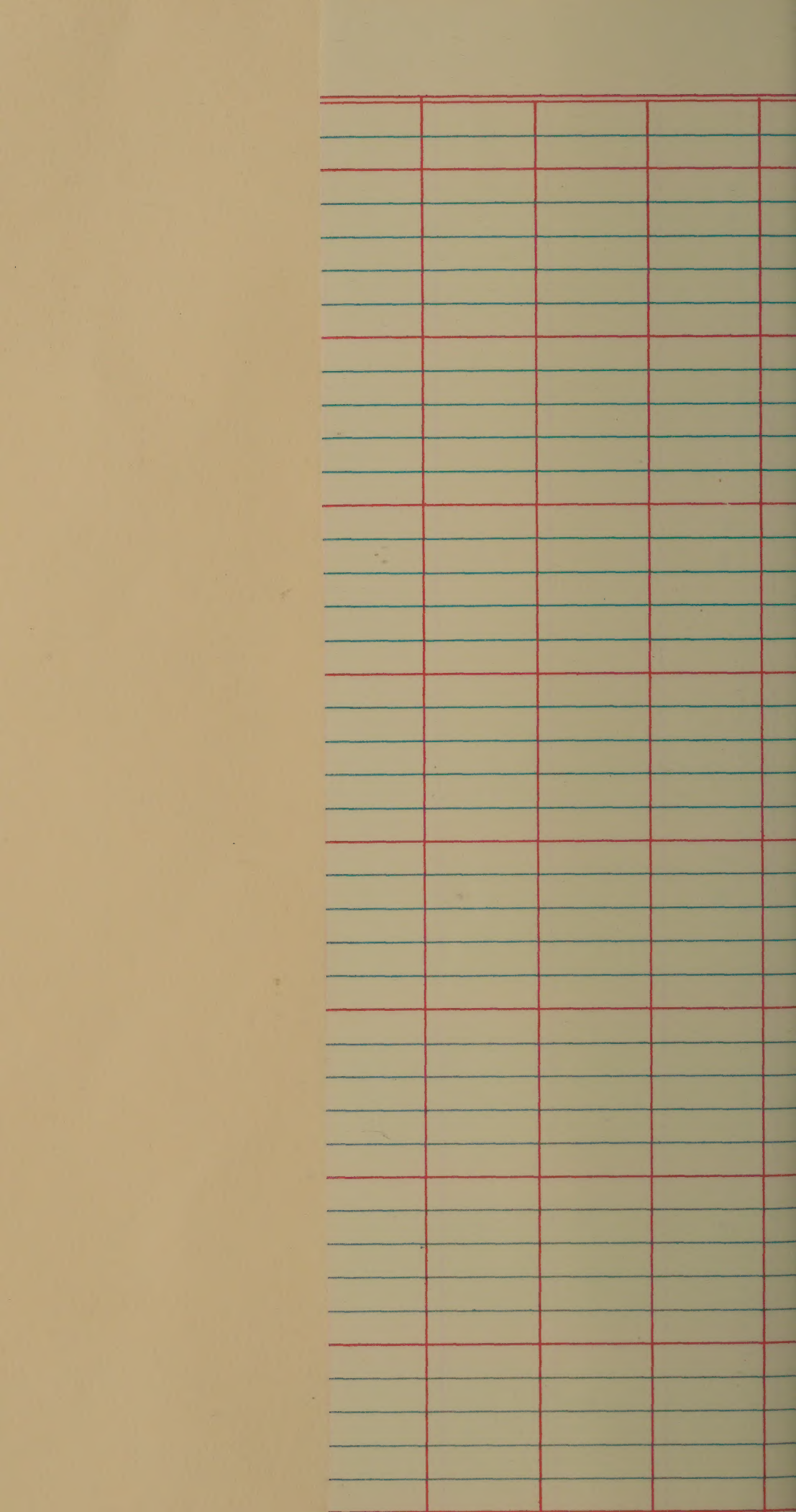
(1203)

Plant or but found
problem! Var. ht.

Replace

1gt

[illegible]



4362

4283

5404

4203

Seed

098

133

7/17 198 8/23 235 99

7/17 8/23 89

RU8201133

tall veg

mgt

134

7/10 191 8/12 224 120

7/9 190 8/12 109

RU8202134

mgt

135

B767A3-11-4

-2

7/21 202 8/18 230 105

7/20 201 8/18 98

RU8203135

(1234)

Pm. diurnal; needs

more N?

Some ht. var?

1gt

Nm

VUF

136

7/17 198 8/23 235 105

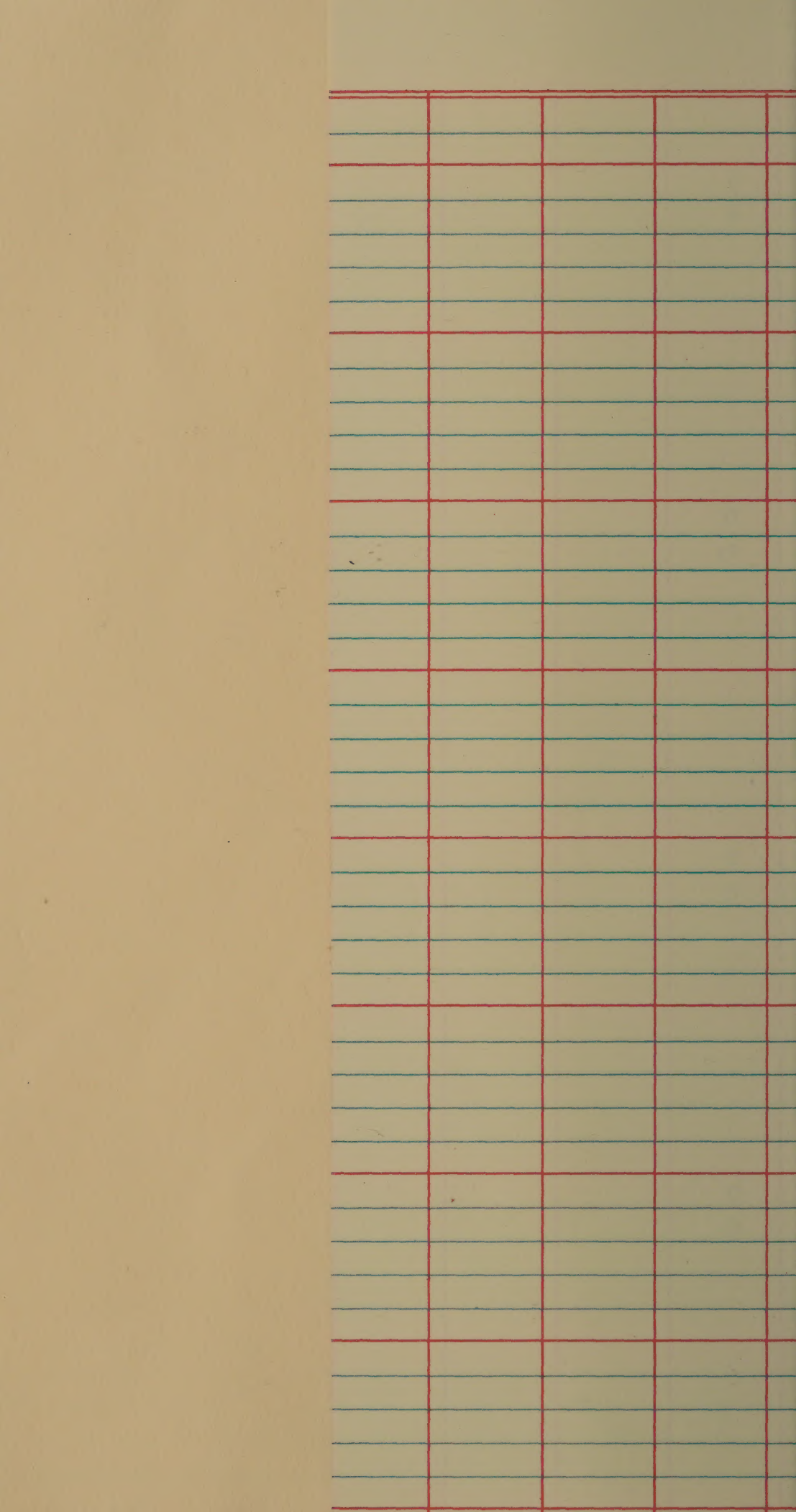
7/19 200 8/23 105

RU8201136

Good

mgt

[illegible]



4738

5159

4182

4755

Seed
098

137

RU8002119
(137)

Early fall regrowth;
highly variable!

7/14 195 8/13 225 102
7/14 8/13 225 95

mgf

138

BT74A2-BK-92
-3

RU8203138
(1206)

poor stand rep. I
Variable
Regrowth

7/20 201 8/20 232 104
7/16 197 8/18 230 89

lgt

139

RU8201139

7/12 193 8/13 225 115
7/12 8/13 225 106

lgt

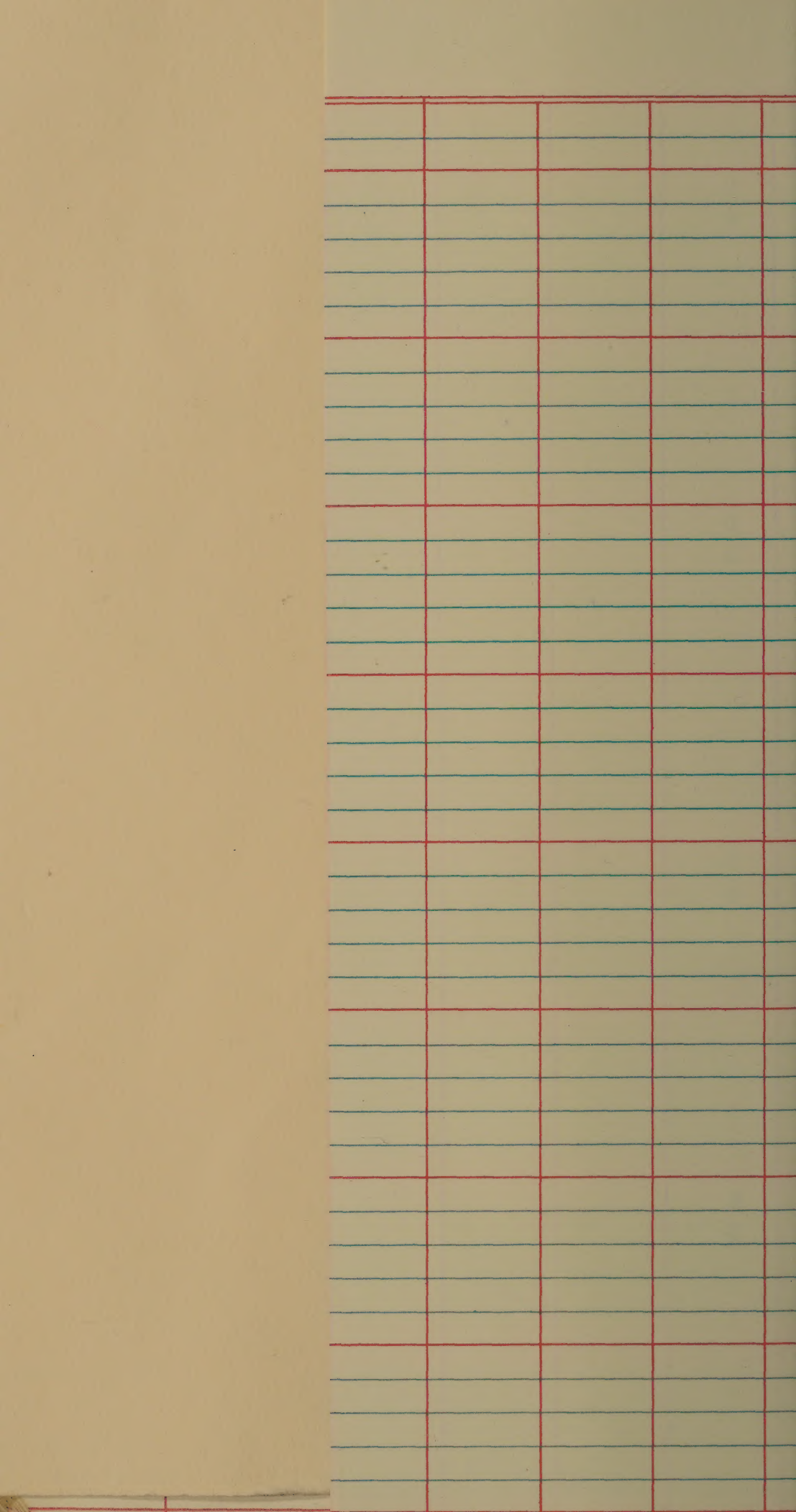
140

RU8102140
(140)

7/22 203 8/18 230 99
7/16 197 8/18 230 97

lgt
owned

[illegible]



4949

4308

5085

3996

4/8/82

Seed
098

141

BT439A1-48-1-4
-Bk-2-2-Bk

7/17 **198** 8/26 **238** 106
7/17 8/26 95

Rico 1

RU8203141
(1295)

not as good as
others?

142

7/20 **201** 8/20 **232** 90
7/20 8/20 82

RU8201142

mgf

143

7/15 **196** 8/13 **225** 97
7/18 **199** 8/18 **230** 104

RU8102143
(143)

lgt

144

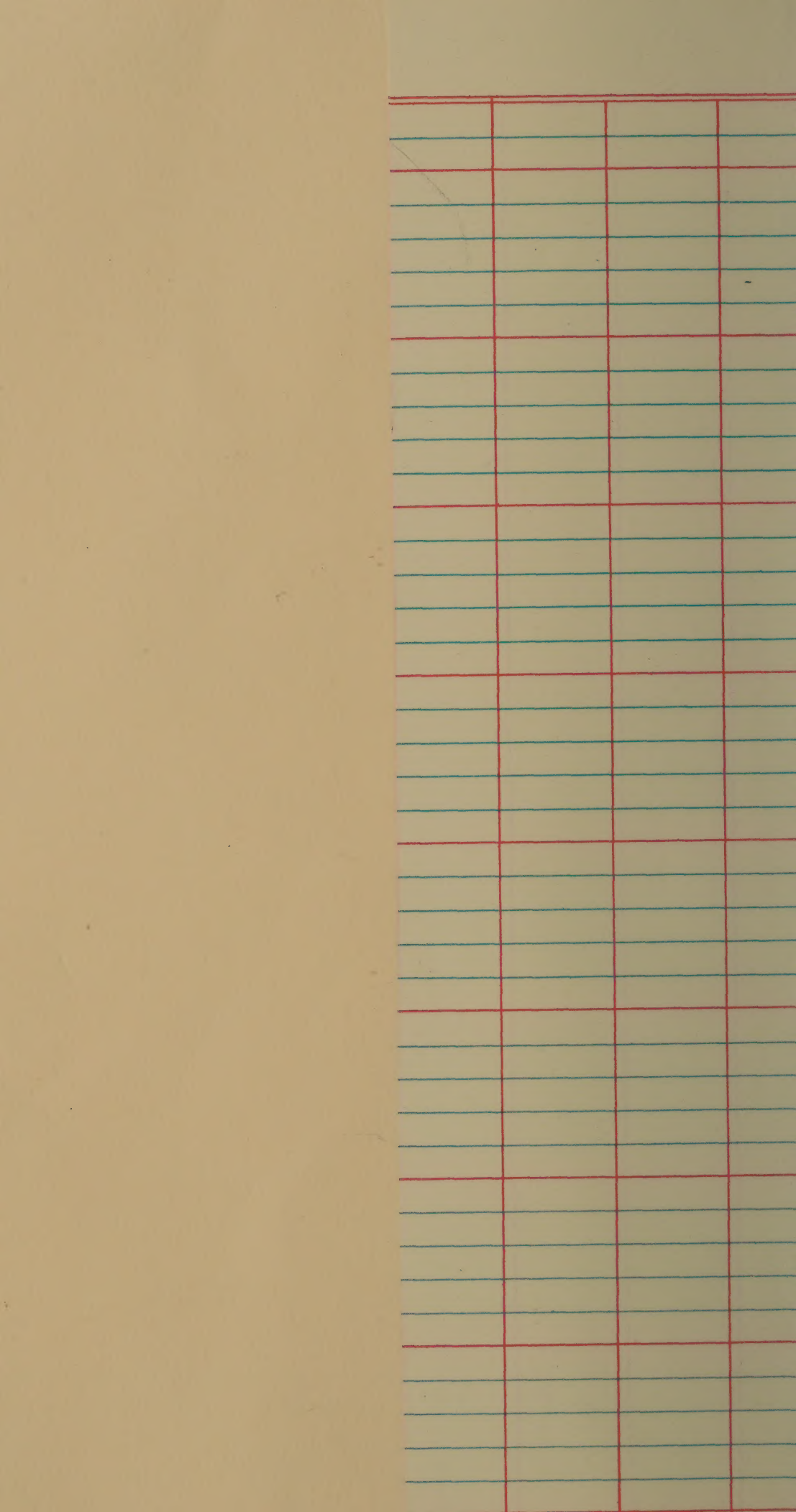
BT439A2-12-1
-2-2-Bk

7/19 **200** 8/26 **238** 91
7/14 **195** 8/26 93

RU8003144
(144)

Very good but
tall seg.
Rogued!

[illegible]



1b/A

5590

4222

3973

5341

Seed
098-

145

✓	7/20 201	8/20 232	97
✓	7/21 202	8/20	92

RU8201145

mgt

146

✓	7/17 198	8/18 230	106
✓	7/18 199	8/18	97

RU8002146
(146)

Highly variable!

147

B7721A1-20
-5

✓	7/12 193	8/18 230	97
✓	7/10 191	8/18	93

RU8203147
(1371)

Some ht. var.
Possibly good!

mgt

148

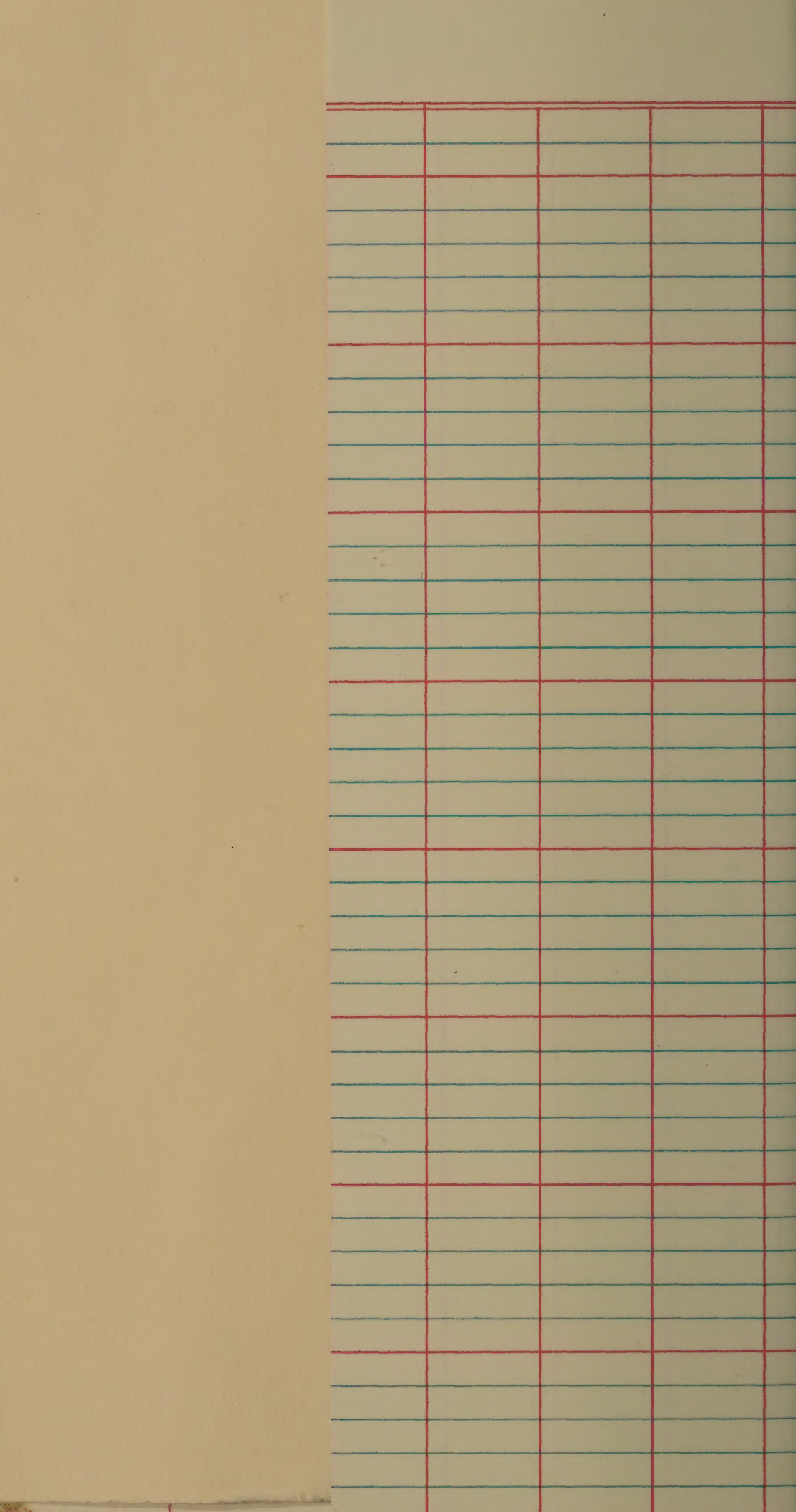
✓	7/13 194	8/18 230	108
✓	7/13	8/18	99

RU8201148

Var. ht.

mgt

[illegible]



3997

4399

6000

5411

Seed
098

149

7/15 196 8/13 225 105
7/12 193 8/12 224 103

RU8202149

Some crop

1st

150

B741N1-21-2
-4-2-2-1

7/16 197 8/13 225 90
7/17 198 8/13 92

RU8203150
(1250)

Very good
some pan. diseases
more N!

1st
DT
UHM

151

7/18 199 8/26 238 110
7/14 195 8/18 230 106

RU8201151

mgt

152

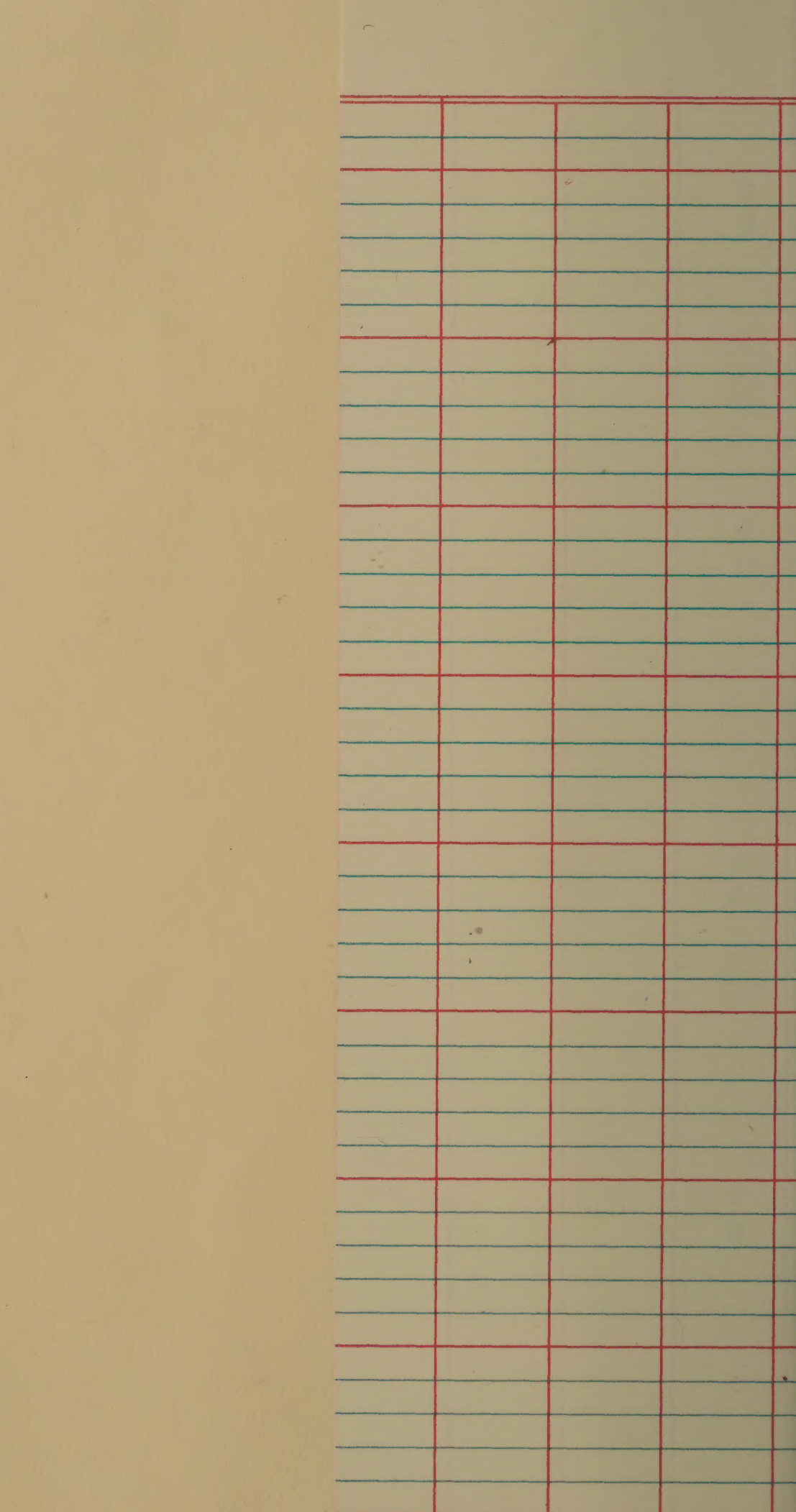
Sel. from bulk
TTEP crosses

7/16 197 8/12 110
7/15 196 8/12 103

RU7802192
(152)

1st

[illegible]



4517

4686

5382

4460

Seed
098

153

7/20 201 8/18 230 95
7/22 203 8/18 230 88

RU8201153

Variable

mgt

154

REMI/EYSN
|| BRAZ

7/8 189 8/13 225 100
7/6 187 8/13 100

RU8202154

mgt

155

BRAZ-GX2-15

7/14 195 8/26 238 118
7/17 198 8/26 113

RU8103155
(155)

Taller; heavy yielder?

mgt

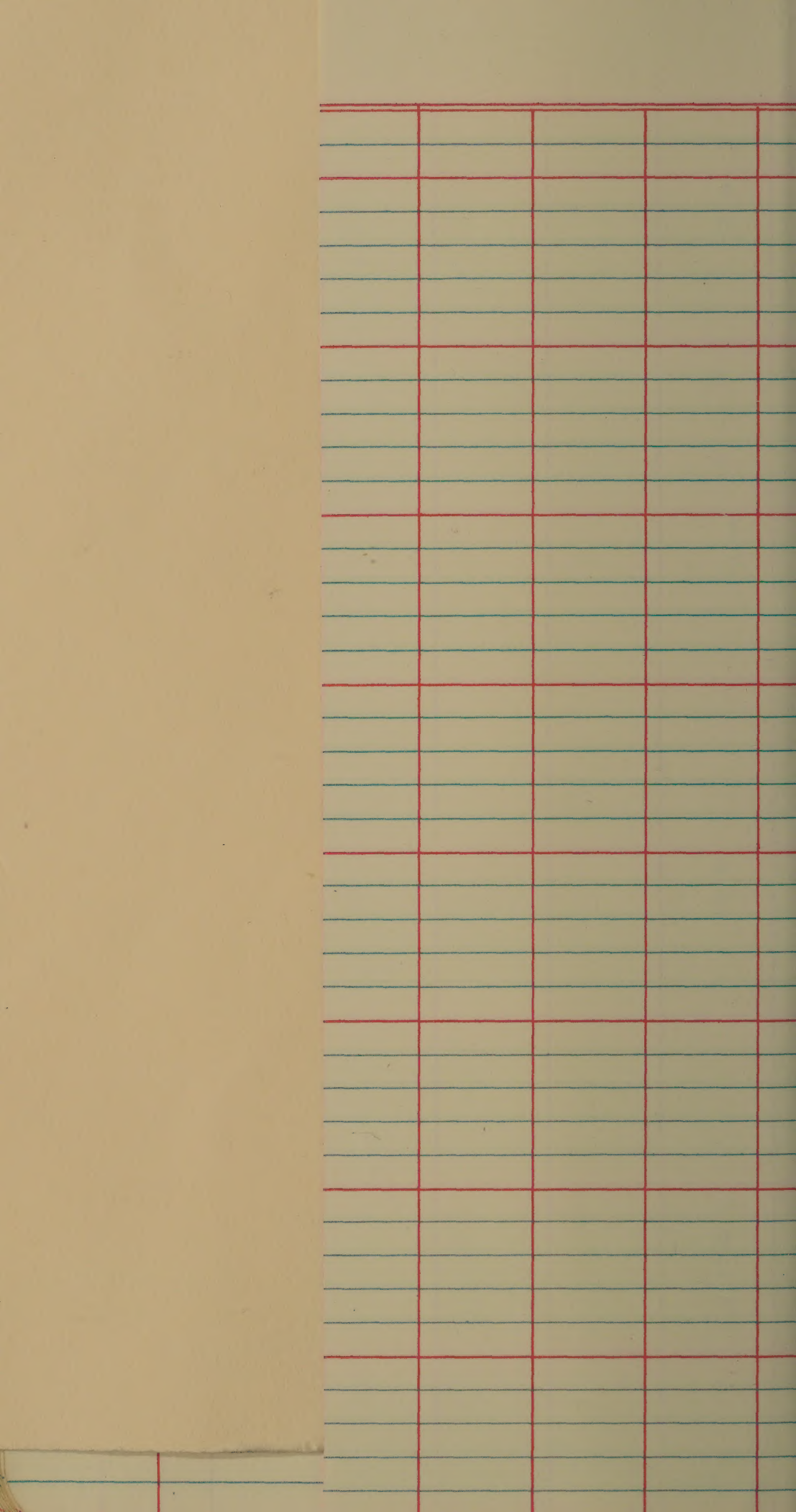
156

7/17 198 8/18 230 110
7/15 196 8/18 109

RU8101156

mgt

[illegible]



3547

4939

6190

5352

Seed

0.9.8

157

B7439A2-19-3

-2-BK-2-BK

7/24 ²⁰⁵ 8/26 238 1067/20 ²⁰ 8/23 235 99

RU8003157

(157)

Good; resemble NTAI
but more sturdy

UHM

158

7/21 ²⁰² 8/18 230 1147/23 ²⁰⁴ 8/18 116

RU8202158

1gt

159

NTAI // 242214

/NV66

7/22 ²⁰³ 8/26 238 119

7/23 8/26 110

RU8101159

(159)

Severe canopy; tall
but good

mgt

160

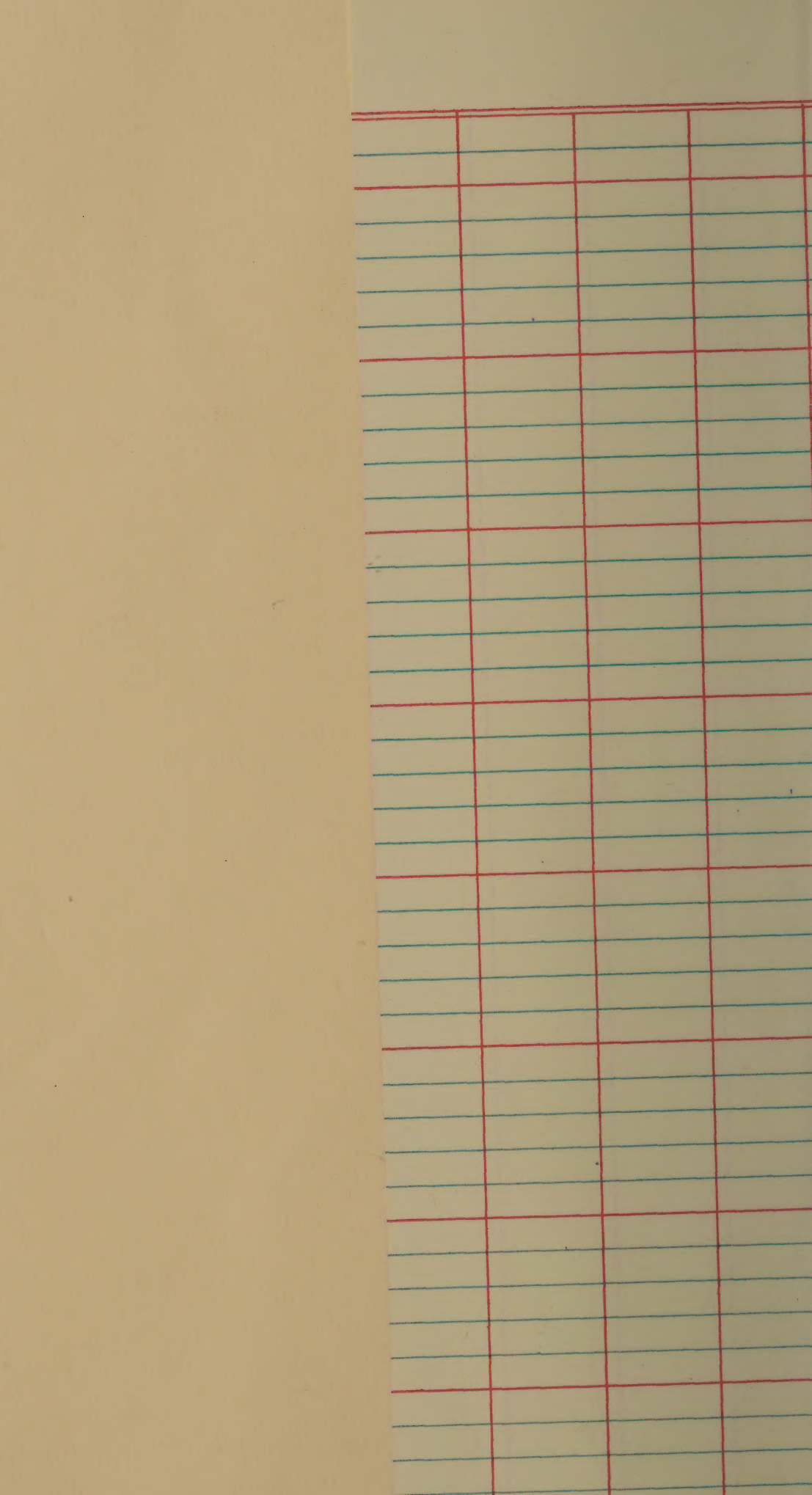
7/18 ¹⁹⁹ 8/26 238 1107/16 ¹⁹⁷ 8/18 230 106

RU8002160

(160)

Early tall spikes
Highly variable

[illegible]



6261

4571

5906

4842

Date seeded: 4/8/82

Seed
098

161

BN 73

7/22 203 8/26 238 123

7/21 202 8/26 107

CI 9654
(161)

lat

162

LA 110

7/19 200 8/23 235 96

7/19 8/23 87

CI 9962
(162)

163

NV 76

7/19 200 8/18 230 108

7/17 198 8/18 109

CI 9948
(163)

164

7/21 202 8/26 238 90

7/20 200 8/26 81

RU 8102164
(164)

variable

lat

0
0

4500

0
0

4219

0
0

3819

0
0

4262

Seed
098

165

B741A1-114-3
-2-1

7/15 196
7/15

8/12 224 80
8/12 74

RU8203165
(639)

Needs higher N
Dm
red. V Hm
lgt

166

7/21 202
7/21

8/18 230 117
8/18 103

RU8201166

lgt

167

7/22 203
7/21 202

8/18 230 97
8/18 99

RU8102167
(167)

lgt

168

B741A1-14-2-1
-1-2

7/20 201
7/20

8/18 230 77
8/18 80

RU8003168
(168)

Excellent plant
Needs more N!

lgt

0

0

4034

0

0

4447

0

0

3977

0

0

3152

Seed
098

169

7/23 204 8/23 235 102
7/23 8/23 100

RU8201169

Subfy

170

7/12 173 8/12 224 95
7/12 8/12 105

RU8202170

mgt

171

B7442A1-80-5
-3-2

7/14 195 8/26 238 86
7/15 196 8/26 82

RU8203171
(1340)

Very good; short;
leafy? rd. inf.

172

7/13 194 8/16 228 92
7/13 8/16 100

RU8201172

Variable ht.

mgt

0

0

5534

0

0

4684

0

0

4651

0

0

5761

Seed
098

173

TIRS

7/31 212 9/1 244 100
7/31 9/1 100

(173)

1st

174

B689A2-Bk-60
2-3-2-4-3-1

7/27 208 9/1 244 99
7/28 209 9/1 100

RU7803097
(174)

Few tall early rogues

Poor stand up II

175

7/12 193 8/18 230 101
7/13 194 8/18 90

RU8201175

Looks good; mat
rel. uniform
One of best!

176

7/18 199 8/18 230 92
7/18 8/18 93

RU8002176
(176)

Same PP?

20

0

4785

0

0

6543

0

0

5910

0

0

4563

Seed
098

177

B7442A1-107-4

-2-3

7/16 197

8/26 238 97

7/18 199

8/26

86

RU8203177

(1781)

Good; some PB

178

7/21 202 8/26 238 110

7/22 203 8/26

107

RU8201178

Leafy; note PB

179

7/21 202 8/20 232 113

7/22 203 8/20

96

RU8202179

1st

180

B713A1-89-2-3

-3 -1-2-1

7/21 202 8/18

78

7/17 198 8/18

74

RU8003196

(180)

Tall rogers; otherwise
very good (rogued)

1st

0

0

5670

0

0

4439

0

0

4884

0

0

4387

Seed

98

181

7/12 193 8/16 228 114
7/12 8/16 228 103

RU8201181

mgt

182

7/16 197 8/18 230 102
7/16 ↓ 8/18 104

RU8002182
(182)

tall rogues;

mgt

183

BT442A2-91-3
-1-BK

7/16 197 8/26 238 87
7/16 " 8/26 81

RU8103183
(183)

excellent

184

STBN/TTEP //
DAWN*2 / PL76

7/17 198 8/18 230 117
7/20 201 8/18 230 111

(184)

1st

0

0

4830

0

0

5034

0

0

3729

0

0

4310

Seed

098

185

7/17 198 8/18 230 100

7/17 " 8/18 100

RU8002185
(185)

W. ht. ; poor

mgt

186

B741A1-21-1-5
-3-2-BK

7/15 196 8/12 224 80

7/18 199 8/12 " 84

RU8103186
(186)

lgt

Dm

Note N!

rel. U. H. H.

187

7/25 206 9/1 244 89

7/25 * 9/1 * 90

RU8201187

188

7/17 198 8/18 230 90

7/17 8/18 89

RU8002188
(188)

mgt

0
0

4846

0
0

4154

0
0

4579

0
0

4345

Seed
#98

189

B7442A2-51-4
-2-BK

7/16 197 8/26 238 93
7/16 8/26 87

RU8103189
(189)

Very good but bad PB
-up J

190

7/24 205 8/23 235 95
7/25 206 8/23 235 97

RU8201190

191

M-401

7/23 204 8/26 207 105
7/20 201 8/26 207 94

CI 9975

Sample PB

192

BRAZ-GX2-25

7/15 196 8/23 235 92
7/17 198 8/23 235 80

RU8003192
(192)

Good short plant;
Apex PB

0

0

5002

0

0

4553

0

0

2846

0

0

5566

Seed
198

193

7/21 202 8/18 230 84
7/19 200 8/18 " 86

RU8201193

Gen. very good; like
B741A sample.

1gt

194

B7439A2-137-2
-3-Bk

7/18 199 8/26 238 95
7/19 200 8/26 238 90

RU8103085
(85)

Looks very good

195

7/22 203 8/23 235 17
7/24 205 8/23 246 110

RU8102195
(195)

1gt

196

7/19 200 8/18 230 104
7/21 202 8/18 230 98

RU8201196

TRM PB

2-mgt

0

0

4797

0

0

6473

0

0

4473

0

0

3146

Seed					
198					
197			7/17 198	8/20 232105	
			7/18 199	8/20 23297	
	RU8102197				
	(197)				
			mgt		
198	B741A1-80-1-6		7/22 203	8/18 23074	
	-1-3-Bk		7/22 203	8/18 23074	
	RU8003198				
	(198)				
	Epilobium - needs more N!		lgt		
199			7/22 203	8/23 206106	
			7/22 ..	8/23 " 107	
	RU8202199				
			lgt		
200	B741A1-85-2-2		7/20 201	8/16 22879	
	-2-2-4-1		7/20 201	8/16 22875	
	RU8203200				
	(1270)				
	Epilobium plant		Umm		
	more N!		lgt		

0

0

5194

0

0

4213

0

0

4085

0

0

3809

Seed				PLT, AT,
098				(CM)
301	B774A1-24-3	7/12/193	8/12 224	81
	-2-BK	7/13/194	8/12 "	83
		7/14/195	8/12 "	84
		7/13/194	8/12 "	82
Hv. B & C				
borders	(3853-57)			
8/13				83
		Dr		
				IG-1 (4)
302	B774A2-1-2-5	7/12/193	8/18 230	81
	-BK	7/14/195	8/18 "	82
		7/15/196	8/18 "	85
		7/15/196	8/18 "	81
	(4028-32)			
				82
	Good	Dmt		
		Uhm		IG-1 (4)
303	B774A2-BK ₂	7/11/192	8/12 224	87
	-102-1-BK	7/11/192	8/12 "	86
		7/13/194	8/12 "	90
		7/12/193	8/12 "	90
Hv B & C				
borders				
8/13	(4737-40)			
				88
	Good!	Ns?		
		+2. Uhm		IG-1 (4)
304	B767A2-37-1-2	7/8/189	8/4 216	93
	-2-BK	7/9/190	8/4 "	97
		7/7/188	8/4 "	94
		7/8/189	8/4 "	98
	(9107-09)			
				96
		N		
		Uhm		IG-1 (4)

LBS. / ACRE YIELDS RECORDED ON 12% MOISTURE BASIS
UNCLEAN WTS.

83

MILLING

		H/ T	G.M.	LB/A
0			869	
0			775	
0			1016	
0		51.3/ 63.1	975	4675
0				
0				
0				
0				
0			916	
0			861	
0			912	
0		52.1/ 67.9	917	4673
0				
0				
0				
0				
0			998	
0			1008	
0			1010	
0		56.8/ 68.8	1012	5198
0				
0				
0				
0				
0			984	
0			1014	
0			989	
0		50.7/ 64.0	1092	5270

Seed
+ 98

305

C610A-BK-17

Hv'd borders
8/23

(8233)

7/15	196	8/16	228	80
7/14	195	8/16	"	76
7/14	"	8/16	"	77
7/14	"	8/16	"	<u>74</u>

77

Excellent

UHM
DMA

IG-1 (1)

306

B7439A2-10-4
-5-3-BK

(1304)

7/14	195	8/25	237	100
7/14	"	8/25	"	102
7/14	"	8/25	"	102
7/13	194	8/25	"	<u>96</u>

100

Bird nest rep III

IG-1 (6)

Seed 098					
311	B774A1-BK-153 -1-BK	7/13 194	8/13 225	79	
		7/13 "	8/13 "	79	
		7/13 "	8/13 "	78	
Hv'd borders		7/13 "	8/13 "	75	
8/23	(4003-05)				
		Dm			
		UHM			IG-1(1)
312	B774A2-BK -199-4-BK	7/17 198	8/18 230	80	
		7/16 197	8/18 "	80	
		7/16 "	8/18 "	80	
Hv'd borders		7/16 "	8/18 "	78	
8/23	(4250-51)				
		rel. UHM			
					IG-1(5)
313	B774A2-BK2 -138-1	7/14 195	8/16 228	82	
		7/14 "	8/16 "	80	
		7/14 "	8/16 "	83	
Hv'd borders		7/12 193	8/16 "	80	
8/23	(541)				
					IG-1(6)
314	B767A2-T0-2 -4-1-1-BK	7/20 201	8/20 232	87	
		7/16 199	8/20 "	80	
		7/18 199	8/20 "	82	
Hv'd borders		7/18 199	8/20 "	84	
8/23	(9291-93)				
		Dm			
		rel. UHM			IG-1(6)

#/
7LB/
A

0

834

0

875

0

872

0

59.9/
68.8

810

4385

0

803

0

859

0

741

0

56.0/
68.8

671

3998

0

823

0

774

0

686

0

52.6/
65.0

786

3996

0

737

0

875

0

931

0

53.6/
65.2

848

4371

Seed
098

315

B741A1-21-6-4
-1-BK

7/21

8/20 232 92

7/21

8/20 " 87

7/21

8/20 " 95

7/19

8/20 " 85

Hv'd borders

8/23

(611)

Poor stand, very I

D_T

red. UHM

IG-1 (1)

316

B7442A2-56-3
-2-4-1

7/18

8/25 237 95

7/16

8/25 " 87

7/17

8/25 " 87

7/17

8/25 " 85

Hv'd B borders

8/27

(11469)

Var. heading? Few
tall segs; somewhat
leafy but looks
very good.

Seed 098					
321	B774A2-Bk ₂ -125 -3-BK	7/13 7/13 7/13 7/13	8/12 224 8/12 " 8/12 " 8/12 .	75 72 71 71	
Hv. borders 8/13	(4778-82)				
	Good herb Needs more N!	UHM. Dm			IG-1(6)
322	B7439A2-9-7-5 -3-BK	7/18 7/18 7/18 7/18	8/25 237 8/25 " 8/25 " 8/25 .	95 88 90 87	
☆ ☆ Hv'd borders 8/27	(1303)				
	Generally excellent w/ UHM				(IG-1) 6
323	B7439A1-27-8 -5-3-BK	7/12 7/12 7/12 7/12	8/18 236 8/18 " 8/18 . 8/18 "	88 87 82 86	
Hv'd borders 8/23	(1291)				
	Good, short, greener stubby perennials				IG-1(3)
324	B7439A2-19-1 -4-BK-3-3-BK	7/18 7/17 7/17 7/18	8/25 237 8/25 " 8/25 " 8/25 .	100 98 92 90	
Hv'd borders 8/27	(1307)				
	Somewhat leafy but very good; like NTAT				IG-1(4)

H/
TLB/
A.

0

773

0

901

0

881

0

56.0/
68.4

856

4416

0

1261

0

1153

0

1164

0

46.7/
68.1

1180

6119

0

1207

0

1203

0

1086

0

69.2/
72.1

1177

6009

0

1134

0

1199

0

1133

0

58.4/
68.9

1111

5899

Seed
098

325

BT442A1-26-2-2
-3-BK



(11088-92)

7/12	8/23	235	86
7/12	8/23	4	86
7/12	8/23	4	80
7/13	8/23	4	80

Hv'd borders

8/27

Short green, very good

IG-1(9)

326

BT442A1-68-1
-3-5-BK



(11176-80)

7/17	8/25	237	89
7/17	8/25	"	86
7/17	8/25	"	90
7/17	8/25	"	87

Hv'd borders

8/27

Generally very good

IG-1(9)

4/7

0 1312

0 1265

0 1118

0 67.0 / 71.2 1196 6326

0 1332

0 1208

0 1218

0 52.9 / 69.0 1345 6578

Seed 098					
331	BT74A2-Bk ₂ -33 -3-BK	7/15 7/15 7/14 7/14	8/13 225 8/13 " 8/13 " 8/13 "	76 78 78 76	
Hv'd borders 8/23	(4567-70)				
	Some lt. var. Pon. problems?				IG-1 (5)
332	BT67A2-22-5 -1-1-BK	7/14 7/14 7/14 7/15	8/12 224 8/12 " 8/12 " 8/12 "	66 64 67 66	
☆	(9011-13)				
Hv. borders 8/13	Very short dwarf! Test with high N! Very good!	rel. VHM			IG-1 (1)
333	BT67A2-97-4-1 -3-BK	7/18 7/19 7/19 7/17	8/18 230 8/18 " 8/18 " 8/18 "	70 72 72 72	
Hv'd borders 8/23	(9467-69)				
	Good dwarf; rel. VHM Needs high N!				IG-1 (1)
334	BT439A2-61-1 -2-2-BK	7/18 7/17 7/17 7/18	8/25 237 8/25 " 8/25 " 8/25 "	90 91 87 89	
Hv'd borders 8/27	(11787-91)				
	Very good	awned			IG-1 (6)

Seed
098

335

BT439A2-13-2-5
-BK-2-3-BK

7/14	8/25	237	93
7/14	8/25	"	90
7/13	8/25	"	91
7/15	8/25	"	90

Hv'd borders
8/27

(1306)

Excellent, short

IG-1 (5)

336

BT442A1-138-1
-2-3

7/18	8/25	237	93
7/17	8/25	"	88
7/18	8/25	"	92
7/19	8/25	"	91

Hv'd borders
8/27

(11274-78)

Excellent, short;
leafy? more PB or
still in sp. I!

IG-1 (1)

H/
T

0

0

0

0

68.4/
72.8

1362

1336

1202

1190 6561

0

0

0

0

62.4/
70.4

1001

1037

1114

1140 5545

Seed 098					
341	TIAS2003	7/10 7/10	8/13 225 03 8/13 " 102		
	(Alex.)				
		2gt			IG-1 (3)
342	BT74A2-Bk-87 -2	7/14 7/12	8/13 225 90 8/13 " 84		
Hv'd borders 8/24	(521)				
	Var. dt.	DT			IG-1 (4)
343	C610A-Bk-35	7/15 7/14	8/13 225 82 8/13 " 85		
Hv'd borders 8/24	(8252)				
	Excellent Needs more N!	Dmt UHM			IG-1 (8)
344	C615A-Bk-77	7/14 7/13	8/12 224 78 8/12 " 75		
Hv'd borders 8/24	(8079)				
	Excellent Needs more N!	rel. UHM Dm			IG-1 (7)

$\frac{H}{T}$

G.H.

 $\frac{LB}{H}$

0

1061

0

1017

5376

 $\frac{50.3}{64.6}$

0

984

0

1034

5209

 $\frac{58.5}{66.4}$

0

1108

0

1057

5582

 $\frac{61.4}{66.5}$

0

1029

0

1089

5492

 $\frac{60.7}{69.5}$

Seed
098

351

Melrose

7/20

8/26 238 126

7/20

8/26 " 128

(Alex.)

IG-1 (7)

Very leafy & tall

352

71AS2002

7/24

8/26 238 126

7/17

8/18 230 102

(Alex.)

mg

IG-1 (9)

353

B7442A2-23-4
-1-4

7/20

8/26 238 90

7/16

8/26 " 90

(791)

Good, short; some
off-types; upgrade
or replace.

IG-1 (9)

354

B7439A2-35-5
-1-3-BK

7/24

8/26 238 101

7/21

8/26 " 100

(1311)

more stability at PB;

IG-1 (9)

$$\frac{4}{7}$$

840

915

4509

$$\frac{51.2}{63.8}$$

1004

949

5006

$$\frac{59.4}{67.4}$$

995

995

5155

$$\frac{62.2}{71.4}$$

978

862

4754

$$\frac{60.8}{67.2}$$

Seed 098					
361	Bellevue	7/22	8/20	120	
		7/23	8/20	117	
	(Alex.)				
	Tall & leafy st. hd. symptoms hd. very tall			IG-1 (8)	
362	B7439A2-35-2	7/20	8/26	92	
	-2-2-2-2	7/21	8/26	84	
	(1310)				
	Good but perhaps more sterility			IG-1 (9)	
363	B7439A2-4-5	7/20	8/26	80	
	-5-1-5	7/17	8/26	82	
	(1302)				
	Very good; short			IG-1 (8)	
364	B7442A1-42-2	7/19	8/26	90	
	-3-4	7/20	8/26	90	
	(1134-37)				
	Gen. good; some PB			IG-1 (9)	

$$\frac{4}{7}$$

614

$$\frac{48}{12}$$

0

816

0

863

4319

$$\frac{56.1}{64.0}$$

0

905

0

910

4679

$$\frac{526}{67.1}$$

0

930

0

833

4545

$$\frac{56.7}{67.9}$$

0

850

0

789

4221

$$\frac{63.9}{71.2}$$

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

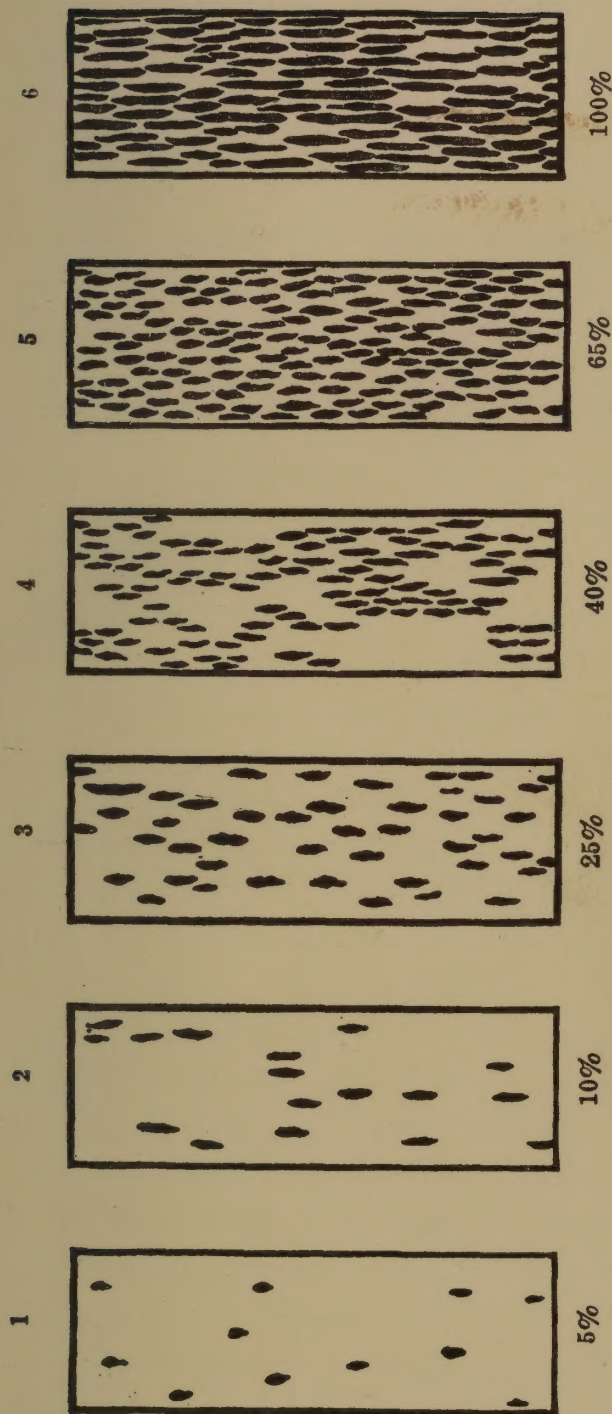


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

Date seeded: 5/11/82

1201

B774A1-Bk-26
-3-3-Bk

8/9
8/9

9/6
9/6

87
88

(3894-97)

Excellent but needs
more N

D_r
U_{HM}

IG-1 (1)

26.4

1202

B774A1-Bk-153
-2-1-Bk

8/2
8/4

9/2
9/2

77
79

Hv'd borders
9/9

(4007-11)

Very good

D_m
U_{HM}

IG-1 (1)

21.1

1203

B774A1-Bk-153
-2-4-2-Bk

8/4
8/2

9/2
9/2

78
77

+

(5269-72)

Hv'd border
9/9

Excellent

D_m
U_{HM}

IG-1 (1)

23.0

1204

B774A1-Bk-153
-3-3-1-Bk

8/12
8/15

9/6
9/6

76
80

Hv. borders
9/10

(5281-84)

Later but excellent

U_{HM}
D_m

IG-1 (1)

28.2

90 MILL

HEAD
TOTAL

gm/plot

lb/A

850

884

4460

55.8/
68.3

857

959

4671

60.2/
70.1

894

917

4658

58.2/
71.4

821

699

3910

51.0/
69.0

1205	B774A2-1-2-1 -Bk	8/4 8/2	9/2 9/2	84 82	
Hv'd borders 9/9	(4022-26)				
	Excellent	D _r UHM		IG-1 (5) 21.3	
1206	B774A2-Bk-70 -4-Bk	8/1 7/31	8/30 9/3	80 79	
	(4090-94)				
	Variable at close past plot; otherwise good; very early.			IG-1 (6) 20.1	
1207	B774A2-Bk- 92-3-Bk	8/5 8/4	9/1 9/1	95 87	
Hv'd borders 9/1	(4120-24)				
	Excellent	D _r UHM		IG-1 (1) 26.7	
1208	B774A2-Bk -120-5-Bk	8/9 8/8	9/6 9/6	86 86	
Hv. borders 9/10	(4146-48)				
	Excellent; later	D _r UHM		IG-1 (1) 26.9	

$$\frac{H}{T}$$

941

896

4725

$$\frac{52.3}{68.9}$$

858

955

4664

$$\frac{51.8}{68.5}$$

837

767

4126

$$\frac{59.8}{72.8}$$

776

877

4252

$$\frac{55.2}{68.9}$$

1209

B774A2-BK-

180-4-BK

7/31

8/30

88

8/5

9/1

83

Hv'd borders

8/31

(4224-27)

Very good

D_Trel. U_{44m}

IG-1 (4)

22.7

1210

B774A2-BK

-185-3-BK

8/1

9/1

80

8/3

9/1

84

Hv'd borders

9/1

(4229-31)

Very good; amine!

D_{MT}U_{44m}

IG-1 (6)

23.0

1211

B774A2-BK

-199-2-BK

8/2

9/1

80

8/2

9/1

80



(4245-48)

Hv'd borders

9/1

Excellent

D_{MT}U_{44m}

IG-1 (4)

22.2

1212

B774A2-BK

-218-2-2-BK

8/11

9/6

84

8/10

9/6

82

Hv. borders

9/10

(4321-23)

Very good; later

D_{MT}U_{44m}

IG-1 (4)

27.8

$\frac{H}{T}$

824

792

4157

 $\frac{53.6}{71.3}$

865

870

4463

 $\frac{55.3}{71.2}$

922

930

4764

 $\frac{46.8}{70.5}$

753

776

3933

 $\frac{57.8}{70.4}$

1213	B774A2-BK ₂ -16-BK-1-BK	8/10 8/6	9/6 9/6	76 78
Hv'd borders 9/10	(4479-83)			
	Excellent plant; needs more N.	DNT UHM		IG-1 (1) 29.0
1214	B774A2-BK ₂ -138-1-4	8/4 8/3	9/2 9/2	81 79
Hv'd borders 9/9	(4811)			
	Excellent	DNT UHM		IG-1 (5) 19.8
1215	B774A2-BK ₂ -149-2-3-BK	8/10 8/10	9/6 9/6	86 85
Hv'd borders 9/10	(4840-43)			
	Very good; later	D ₊ UHM		IG-1 (6) 26.2
1216	B774A2-BK ₂ -154-2-BK-3-BK	7/30 8/2	9/1 9/1	82 80
Hv'd borders 9/1	(5371-72)			
	tall variants; otherwise very good. Very early. Regress carefully! Needs more N!			IG-1 (5) 22.2

$$\frac{H}{T}$$

845

939

4589

$$\frac{54.4}{70.9}$$

954

963

4931

$$\frac{57.5}{70.4}$$

809

946

4514

$$\frac{52.8}{69.6}$$

743

802

3974

$$\frac{53.0}{71.5}$$

1217

BT74A2-BK₂
-183-5-BK

8/4

9/2

86

8/2

9/2

84

(4927-30)

Good but needs more
N; some lt rot.?D₁

UHM?

IG-1 (4)

22.1

1218

BT74A2-BK₂
-197-1-BK

8/9

9/6

80

8/6

9/3

85

Hv'd borders
9/10

(4951-53)

Very good

D₁

UHM

IG-1 (1)

27.0

1219

BT74A2-BK₂
-197-3-BK-BK

8/8

9/2

85

8/7

9/2

79

Hv'd borders
9/9

(4971-72)

Excellent plant; needs
more N!D₁

UHM

IG-1 (1)

26.3

1220

BT67A1-3-2
-BK

8/1

8/30

75

8/1

8/30

81



(8867-69)

Hv'd borders
8/31Early def; very good
more N!D₁

UHM

IG-1 (7)

22.3

$$\frac{4}{1}$$

832

859

4350

$$\frac{53.0}{67.0}$$

799

840

4216

$$\frac{54.5}{70.2}$$

890

817

4391

$$\frac{57.6}{68.8}$$

850

941

4607

$$\frac{59.2}{68.3}$$

1221	B767A2-4-5-2 -3	8/4 8/4	8/30 8/30	104 104
Hv'd borders 8/31	(8939)			
		N _s U _{HM}		IG-1 (2) 22.5
1222	B767A2-7-2 -Bk -1-Bk	8/1 8/2	8/30 8/30	103 105
Hv'd borders 8/31	(8949-51)			
	Good	N _m U _{HM}		IG-1 (8) 27.6
1223	B767A2-39-5 -1-3-Bk	7/31 7/30	8/30 8/30	84 85
☆	(9113-15)			
Hv'd borders 8/31	Very early leaf; spread but more HO?	D _{MT}		IG-1 (8) 22.5
1224	B767A2-40-2-3 -Bk -4-Bk	8/10 8/6	9/6 9/3	89 92
	(9122-24)			
	Excellent plant; more N ₆	D _T U _{HM}		IG-1 (8) 28.1

$$\frac{4}{7}$$

814

964

4574

$$\frac{55.2}{68.6}$$

821

841

4275

$$\frac{51.3}{66.3}$$

787

812

4113

$$\frac{51.5}{67.2}$$

773

804

4057

$$\frac{56.3}{68.0}$$

1225	B767A2-50-5 -1-BK	7/29 7/30	8/30 8/30	111 110
Hv'd borders 8/31	(9147-49)			
	Very early normal; gen. good	Nm UHM		IG-1 (1) 23.5
1226	B767A2-54-2 -3-BK	8/10 8/10	9/6 9/6	99 100
	(9163-64)			
	lets some lit. rec. Questionable!	Nm		IG-1 (8) 27.0
1227	B767A2-56-1 -1-BK	8/2 8/3	9/2 9/2	102 100
Hv'd borders 9/10	(9166-67)			
	good	Nm UHM		IG-1 (5) 26.1
1228	B767A2-56-4 -2-2-BK	8/2 7/31	9/3 9/3	106 106
Hv'd borders 9/10	(9172-74)			
	Early; good	Nm UHM		IG-1 (3) 23.5

H/
T

858

915

4561

60.2/
69.5

758

695

3738

526/
65.7

879

845

4435

56.0/
67.9

933

970

4895

55.0/
68.2

1229

B767A2-61-4-2
-BK-4-BK

8/6

9/3

87

8/3

9/3

84

(9226-28)

Excellent; needs more
N.DT
UHM

IG-1 (8)

24.7

1230

B767A2-61-4-2
-3-2-BK

8/1

9/2

84

8/5

9/2

86



(9232-34)

Hv'd borders
9/9

Excellent

DT
UHM

IG-1 (1)

24.3

1231

B767A2-64-2-1
-3-BK

8/4

8/30

105

8/5

8/30

105

Hv'd borders
8/31

(9263-64)

Very good

NM

IG-1 (1)

Better than NWRX?

UHM

28.2

1232

B767A2-70-2-4
-3-2-BK

8/9

9/6

86

8/7

9/6

84

Hv'd borders
9/10

(9297-98)

Very good

DT
UHM

IG-1 (6)

28.4

$$\frac{14}{T}$$

869

881

4502

$$\frac{48.2}{70.4}$$

900

849

4499

$$\frac{58.2}{68.0}$$

907

849

4517

$$\frac{55.0}{68.0}$$

873

986

4282

$$\frac{55.4}{67.4}$$

1233

BT67A2-70-5-3

-Bk-3-Bk

8/6

9/3

78

8/6

9/3

77

Hv'd borders
9/10

(9315-17)

Later but excellent
plant type; more W!

UHM

UHM

IG-1 (6)

27.7

1234

BT67A2-74-9

-2-Bk

8/5

9/3

103

8/10

9/6

106

Hv'd borders
9/10← can't find borders
(9346-48)Very good
Test against NWRK!

Nm

UHM

IG-1 (1)

27.1

1235

BT67A2-78-5

-Bk-3-2-2

8/1

9/2

92

8/2

9/2

88

Hv'd borders
9/9

(9369)

Very good! Slow
pan. maturity!Ns + D₂

UHM

IG-1 (1)

28.3

1236

BT67A2-78-7

-Bk-2-Bk

7/30

9/1

84

8/2

9/1

85



(9378-80)

Hv'd borders
9/1

Early leaf; very good!

UHM

IG-1 (1)

23.6

$$\frac{41}{7}$$

856

831

4339

$$\frac{55.5}{69.5}$$

917

667

4075

$$\frac{57.6}{66.4}$$

1013

1061

5335

$$\frac{56.0}{69.5}$$

973

812

4592

$$\frac{55.1}{69.8}$$

1237

B767A2-97-5-1

-1-BK

8/5

9/2

76

8/4

9/2

76

Hvd borders

9/9

(9473-75)

Excellent

Dm

IG-1 (1)

UHM

23.5

1238

B767A2-97-5-1

-5-BK

8/6

9/3

77

8/7

9/3

76

Hvd borders

9/10

(9486-88)

Excellent

Dms

IG-1 (1)

UHM

23.2

1239

B767A3-3-3

-4-BK

8/5

9/6

89

8/4

9/6

86

(9529-31)

Variable; replace

IG-1 (6)

25.5

1240

LEAH

8/4

9/3

95

8/5

9/3

88

(26)

IG-1

$\frac{H}{T}$

809

903

4404

 $\frac{570}{168.5}$

816

864

4321

 $\frac{59.1}{169.8}$

719

778

3851

 $\frac{546}{168.7}$

991

988

5086

5091

 $\frac{41.6}{172.0}$

1241

RU8003043

8/6

9/3

88

8/7

9/3

89

(HR)

IG-1

1242

BLMT

8/6

9/3

78

8/5

9/3

77

(Fd)

IG-1

1243

LBLE

7/28

8/27

110

7/30

8/27

115

(Fd)

IG-1

1244

LBNT

8/5

9/3

114

8/4

9/3

112

(Fd)

IG-1

MILL 70

HEAD
TOTAL

16/A

1109

1002

5425

55.8/
71.2

5430

754

777

~~3995~~59.4/
71.1

3938

791

831

4169

60.5/
71.2

4172

0

875

868

4480

48.3/
69.8

4484

Date seeded: 5/11/82

1245

B741A1-7-2-9
-4-3-3

8/9
8/8

9/3
9/3

89
89

Hv'd borders
9/10

(591)

IG-1 (7)

1246

B741A1-7-9-2
-2-2

8/9
8/9

9/6
9/6

92
92



(595)

Hv'd borders
9/10

Spallant!

DMT
UHM

IG-1 (7)

1247

B741A1-11-3-7
-2-3-4-3

8/5
8/4

9/2
9/2

82
87

(599)

Hv'd borders
9/10

Spallant

DMT
UHM

IG-1 (7)

1248

B741A1-14-1-10
-4-3-BK

8/9
8/6

9/6
9/6

90
87

Hv'd borders
9/10

(604)

Very good

DMT
UHM

IG-1 (1)

Eagle Lake w/d = 7503

$$\frac{14}{7}$$

959
1005

5052

$$\frac{51.5}{71.2}$$

915
984

4885

$$\frac{55.4}{71.3}$$

1106
1012

5448

$$\frac{51.7}{69.3}$$

1042
1083

5466

$$\frac{54.4}{70.2}$$

1249	B741A1-14-3-2 -5-3-3	8/5 8/5	9/3 9/3	85 86	
Hv'd borders 9/10					
					IG-1 (1)
1250	B741A1-18-7-2 -3-3	8/5 8/6	9/2 9/2	91 89	
Hv'd borders 9/10	(610)				
	E full	Dmt UHM			IG-1 (7)
1251	B741A1-21-8-5 -1-3	8/2 8/4	9/3 9/3	91 98	
Hv'd borders 9/10	(612)				
	Very good; alone per. most?	D _T nl. UHM			IG-1 (1)
1252	B741A1-24-2-4 -4-3-BK	8/6 8/8	9/6 9/6	86 90	
Hv'd borders 9/10	(613)				
	E full	UHM			IG-1 (1)

$\frac{4}{T}$

1015

1083

5397

 $\frac{52.7}{69.9}$

1005

963

5062

 $\frac{60.1}{64.1}$

976

1110

5366

 $\frac{57.6}{69.8}$

1050

1048

5397

 $\frac{54.9}{70.6}$

1253

B741A1-24-4
-4-2-18/8
8/69/6
9/69/1
9/1Hv'd borders
9/10

(615)

Efallat

DT
UHM

IG-1 (1)

Eagle Lake yld = 7603

1254

B741A1-25-8
-1-2-18/1
8/19/1
9/192
93Hv'd borders
9/10

(617)

Taller dwarf!
Earlier
ExcellentDT
UHM

IG-1 (1)

1255

B741A1-42-3-5
-6-28/3
8/49/1
9/187
87Hv'd borders
9/10

(619)

very good

Dm
UHM

IG-1 (7)

1256

B741A1-55-5
-5-3-38/6
8/69/2
9/282
86Hv'd borders
9/10

(623)

Efallat

Dm
UHM

IG-1 (7)

$$\frac{H}{T}$$

975

1102

5343

$$\frac{48.8}{70.1}$$

0

0

1064

955

5193

$$\frac{52.2}{69.5}$$

924

949

4818

$$\frac{50.2}{69.7}$$

951

957

4908

$$\frac{58.8}{70.7}$$

1257

BT41A1-57-1-4
-8-1

8/3

9/3

86

8/4

9/3

86

(1256)

Dm

IG-1 (8)

UHM

1258

BT41A1-58-1-3
-3-2-2-2

8/5

9/2

82

8/5

9/2

86

(624)

Very good

Dm

IG-1 (8)

UHM

1259

BT41A1-72-1-8
-2-3-3-3

8/2

9/1

88

8/2

9/1

80

Hv'd borders

9/1

(1261)

Very good
Excellent !!

Dm

IG-1 (1)

mt. UHM

1260

BT41A1-72-2-7
-4-3-BK

8/6

9/2

88

8/6

9/2

91

Hv'd borders

9/10

(627)

Very good

Dm

IG-1 (1)

UHM

$$\frac{14}{7}$$

1163

1038

5662

$$\frac{58.6}{71.6}$$

939

1093

5227

$$\frac{59.1}{69.9}$$

0

0

955

1004

5039

$$\frac{60.6}{70.5}$$

942

902

4743

$$\frac{62.4}{70.6}$$

1261	BT41A1-84-6-1 -1-1	8/8 8/10	9/6 9/6	90 90	
Hv'd borders 9/10	(632)				
					IG-1 (1)
1262	BT41A1-90-6-2 -3-BK	8/8 8/8	9/3 9/3	85 88	
	(634)				
					IG-1 (7)
1263	BT41A1-101-2 -4-BK	8/5 8/4	9/2 9/2	86 86	
Hv'd borders 9/10	(636)				
	Contains tall segs! Very good; signed!	Dm			IG-1 (1)
1264	BT41A1-109-3 -1-2	8/4 8/6	9/2 9/2	82 82	
Hv'd borders 9/10	(637)				
		Dm UHM			IG-1 (1)

$\frac{4}{7}$

889

1057

5006

 $\frac{52.1}{70.3}$

1069

1061

5479

 $\frac{56.8}{71.5}$

894

1050

5001

 $\frac{59.4}{71.8}$

1091

1098

5631

 $\frac{58.4}{71.9}$

1265

BT41A1-127-3
-2-28/4
8/49/3
9/390
94Hv'd borders
9/10

(640)

Excellent

DT
UHM

IG-1 (1)

1266

BT41A1-143-1-3
-28/2
8/29/1
9/184
89Hv'd borders
9/10

(1275)

Excellent

Dm
UHM

IG-1 (1,5)

1267

BT41A1-165-5
-4-38/2
8/29/1
9/185
82Hv'd borders
9/10

(647)

Very good; removed
out few taller segs

Dm

IG-1 (1,4)

1268

BT41A1-169-1
-38/1
8/29/1
9/190
90Hv'd borders
9/9

(1277)

Excellent
ExcellentDT
UHM

IG-1 (2)

$$\frac{14}{1}$$

1028

1051

5348

$$\frac{56.9}{71.0}$$

0

0

1035

1011

5263

$$\frac{56.8}{70.4}$$

0

0

970

1091

5302

$$\frac{59.8}{71.9}$$

0

0

941

975

4929

$$\frac{53.4}{68.7}$$

1269

BT41A1-178-3

-3-2

8/5

9/3

95

8/2

9/3

95

Hv'd borders

9/10

(648)

DT

Umm

IG-1 (1)

1270

BT41A1-201-5

-4-1

8/8

9/3

95

8/6

9/3

90

Hv'd borders

9/10

(1279)

IG-1 (4)

1271

BT41A1-206-1

-5-BK

8/9

9/3

96

8/8

9/3

96

Hv'd borders

9/10

(343)

IG-1 (1)

1272

BT41A1-208-2

-2-3

8/6

9/3

80

8/5

9/3

86

Hv'd borders

9/10

(650)

DM

Umm

IG-1 (1)

$$\frac{14}{7}$$

1128

1191

5965

$$\frac{60.6}{70.4}$$

912

1059

5070

$$\frac{51.2}{70.5}$$

951

1062

5178

$$\frac{526}{72.2}$$

993

1081

5335

$$\frac{55.9}{72.0}$$

1273

BT41A1-214-5
-5-3

8/4

9/2

85

8/4

9/2

84

Hv'd borders
9/10

(651)

Excellent

Dmt
UHM

IG-1 (5)

1274

BT41A1-227-3
-3-2

8/6

9/2

86

8/6

9/2

89

Hv'd borders
9/10

(653)

Excellent

Dmt
UHM

IG-1 (1)

1275

BT41A1-231-3
-4-3

8/5

9/2

88

8/6

9/2

92

Hv'd borders
9/10

(654)

Excellent

Dmt

IG-1 (1)

rel. UHM

1276

BT41A1-240-2
-3-2

8/4

9/1

92

8/4

9/1

90

Hv'd borders
9/10

(655)

Very good

Dr
UHM

IG-1 (1)

$$\frac{14}{7}$$

1018

984

5150

$$\frac{55.8}{67.8}$$

957

1106

5307

$$\frac{59.4}{70.0}$$

899

1099

5139

$$\frac{61.5}{70.3}$$

1045

1142

5628

$$\frac{55.3}{69.7}$$

1277

B741A1-259-3

-4-2

8/6

9/6

90

8/6

9/6

88

Hv'd borders

9/10

(1280)

IG-1 (1)

1278

B741A1-291-2

-2-2

8/5

9/2

85

8/6

9/2

86

Hv'd borders

9/10

(1281)

Efrcellent

Dnr

IG-1 (5)

UHM

1279

B7421A -124

-3-4

7/24

8/30

100

7/22

8/30

99

Hv'd borders

9/10

(760)

Shore pan. maturity

UHM

IG-1 (2)

1280

R516-1-1-1T

(Brazil)

8/6

9/9

130

8/6

9/9

130

(PR

Tall and leafy!

gold

IG-1 (2)

H/
T

1038

991

5219

55.0/
71.0

(1) -27

990

1093

5358

54.6/
70.4

868

852

4424

44.6/
69.4

0

0

536

535

2755

55.2/
68.1

1281

B7121A

7/24

8/27

94

7/24

8/27

92

(697)

Earlier than LBLE?
Considerably more leaf
spot damage!

VHM

IG-1 (1)

1282

RU7603015

8/3

9/6

112

8/3

9/6

112

(HR)

Slow pen. mat.

1283

RU7901045

8/9

9/9

114

8/9

9/9

115

(45)

1284

RU8003005

7/28

8/27

105

7/27

8/27

104

(5)

Apap

$$\frac{4}{7}$$

834

900

4460

$$\frac{60.4}{68.9}$$

970

937

4901

4905

$$\frac{57.1}{71.2}$$

988

960

5006

5011

$$\frac{60.8}{69.6}$$

1062

1020

5351

5356

$$\frac{64.1}{69.8}$$

1285	LEAH	8/4 8/3	9/3 9/3	96 98
	(26)			
	Tall hairy toques.			
1286	RU8003043	8/7 8/7	9/6 9/6	92 91
	(HR)			
1287	BLMT	8/4 8/3	9/1 9/1	80 80
	(Fd)			
	looks very good!			
1288	LBLE	7/27 7/26	8/27 8/27	117 116
	(Fd)			

$$\frac{4}{7}$$

985

1020

5153

5157

$$\frac{46.1}{71.2}$$

1094

937

5220

5224

$$\frac{46.2}{68.2}$$

0

0

961

984

4999

5003

$$\frac{59.2}{69.4}$$

871

922

4608

4612

$$\frac{56.8}{70.0}$$

Date seeded : 5/20/82

1289

B7442A1-51-1
-3-1-2-BK

8/10

9/23

97

8/11

9/23

95

(11150-54)

More PB up I

IG-1 (5)

1290

B7442A1-95-3
-3-2-BK

8/10

9/20

99

8/10

9/20

95

(11227-31)

Neat

IG-1 (4)

1291

B7442A1-152-2
-1-2-1

8/9

9/23

106

8/9

9/23

101

(11299)

IG-1 (4)

1292

B7442A1-184-3
-3-3-BK

8/10

9/23

113

8/10

9/23

104

(11366-68)

Good; likes about NTAI

IG-1 (4)

H/
T

gm/plot

lb/A

0

1025

0

960

5106

60.1/
70.8

0

1079

0

1082

5559

56.8/
70.7

0

1242

0

1187

6248

53.2/
71.3

0

1165

0

1168

6001

63.2/
72.1

1293

B7442A1-186-4
-1-4-BK8/9
8/89/20
9/20100
100

(11371-75)

IG-1 (4)

1294

B7442A2-59-3
-3-3-BK8/9
8/99/20
9/2097
104

(11481-82)

IG-1 (4)

1295

B7442A2-60-2
-2-1-BK8/10
8/109/23
9/23105
107

(11485-89)

IG-1 (4)

1296

B7442A2-71-4
-1-2-BK8/12
8/109/20
9/20108
103

(11520-24)

IG-1 (4)

$$\frac{H}{T}$$

0

0

1106

1120

5226

$$\frac{63.9}{71.9}$$

0

0

1068

1077

5518

$$\frac{63.1}{71.9}$$

0

0

1035

1141

5597

$$\frac{64.6}{72.9}$$

0

0

1100

1076

5597

$$\frac{62.4}{72.0}$$

1297

B7439A1-9-3-4
-1-1-4

8/7

9/16

95

8/7

9/16

97

(811)

IG-1 (4)

1298

B7439A1-11-4-4
-3-BK

8/6

9/23

104

8/7

9/23

97

(813)

Very good

IG-1 (4)

1299

B7439A1-14-1-4
-BK-3-2-BK

8/8

9/20

100

8/7

9/20

98

(814)

UHM

IG-1 (5)

1300

B7439A1-24-2
-5-BK-1-2-BK

8/7

9/16

95

8/8

9/16

90

(816)

IG-1 (5)

$$\frac{4}{7}$$

0

958

0

1024

5098

$$\frac{68.4}{72.7}$$

0

1222

0

1186

6194

$$\frac{61.8}{72.8}$$

0

1166

0

1081

5780

$$\frac{67.9}{72.2}$$

955

1026

5096

$$\frac{63.2}{73.6}$$

1301

BT439A1-29-4-1
-2-BK

8/9

9/23

112

8/9

9/23

108

(818)

IG-1 (4F)

1302

BT439A1-33-1-4
-BK-1-2-BK

8/6

9/20

106

8/6

9/20

100

(820)

Unseen pins, mat.

IG-1 (4F)

1303

BT439A1-36-3-3
-3-2-2-BK

8/10

9/23

107

8/10

9/23

99

(822)

WT

IG-1 (4)

1304

BT439A1-62-1-3
-5-BK

8/9

9/20

101

8/9

9/20

97

(11627-31)

Neat

IG-1 (4)

$$\frac{H}{T}$$

80

1208

0

1152

6071

$$\frac{67.0}{72.8}$$

0

933

0

1090

5204

$$\frac{65.7}{71.3}$$

0

888

0

1054

4995

$$\frac{68.0}{73.4}$$

0

1138

0

918

5263

$$\frac{64.2}{72.1}$$

1305

BT439A1-103-1
-3-3-BK

8/13

9/20

104

8/12

9/20

109

(11709-13)

Neat

IG-1 (4)

1306

BT439A1-106-2
-1-1-BK

8/13

9/23

108

8/13

9/23

100

(11714-18)

IG-1 (5)

1307

BT439A1-132-1
-1-3-BK

8/9

9/20

102

8/9

9/20

102

(11756-60)

IG-1 (5)

1308

BT439A2-31-6-3
-3-BK

8/7

9/16

94

8/7

9/16

92

(841)

IG-1 (4)

$$\frac{47}{7}$$

0

1130

0

1167

5909

$$\frac{68.0}{72.6}$$

0

1250

0

1010

5813

$$\frac{68.2}{73.5}$$

0

840

0

1060

4887

$$\frac{66.6}{71.5}$$

1094

1134

5231

$$\frac{65.8}{73.6}$$

1309

B7439A2-42-1-3
-Bk -2-1-Bk

8/9

9/20

105

8/9

9/20

100

(1315)

IG-1 (4)

1310

B7439A2-60-1-3
-3-1

8/8

9/23

116

8/9

9/23

108

(11783)

IG-1 (4)

1311

B7439A2-94-2
-1-2-Bk

8/8

9/23

108

8/8

9/23

99

(11802-06)

copy

IG-1

1312

B7439A2-134-4
-1-4-Bk

8/11

9/23

116

8/10

9/23

109

(11859-62)

IG-1

$$\frac{H}{T}$$

0

1240

0

1220

6328

$$\frac{66.4}{72.8}$$

40

1159

10

1096

5801

$$\frac{66.8}{74.4}$$

0

1011

0

1040

5276

$$\frac{60.2}{73.0}$$

0

1112

0

1037

5528

$$\frac{67.0}{73.5}$$

1313

BT720A2-BK-9
-2-BK8/7
8/79/13
9/13103
97

(11946-48)

poor; drop!

IG-1 (5)

1314

BT720A2-BK-20
-1-BK8/5
8/59/13
9/13107
96

(11966-68)

more poor. details

IG-1 (5)

1315

BT720A2-BK-56
-4-BK8/6
8/79/16
9/16108
104

(12042-44)

IG-1 (5)

1316

BT720A2-BK-57
-3-BK8/7
8/79/16
9/16117
107

(12047-48)

IG-1 (6)

$\frac{4}{7}$

1013

786

4628

 $\frac{67.2}{70.6}$

948

893

4736

 $\frac{64.2}{72.8}$

1208

1212

6225

 $\frac{62.7}{72.6}$

992

1061

5281

 $\frac{45.2}{72.0}$

1317

BT720A2-Bk-65
-3-Bk

8/7

9/20

103

8/7

9/20

104

(12057-59)

IG-1 (5)

1318

BT720A2-Bk-66
-2-Bk

8/8

9/20

103

8/8

9/20

105

(12062-64)

IG-1 (5)

1319

BT720A2-Bk-75
-5-5

8/11

9/23

112

8/11

9/23

106

(12081)

IG-1 (5)

1320

BT721A1-33-1
-Bk

8/8

9/20

116

8/9

9/20

113

(12131-32)

IG-1

H/
T

10

1096

10

1136

5241

47.6/
72.9

0

1079

0

1052

5482

57.9/
72.9

0

1007

0

1149

5546

52.2/
73.6

0

996

0

935

4967

54.8/
71.2

1321

M-101

7/26

9/3

97

7/27

9/3

90

(1)

Severe PB

IG-1

1322

M-9

8/1

9/3

100

8/2

9/3

97

(126)

Severe PB

IG-1

1323

S-201

8/7

9/13

108

8/7

9/13

104

(90)

Severe PB

IG-1

1324

LA 110

8/11

9/20

96

8/13

9/20

92

(162)

IG-1

$$\frac{4}{7}$$

0

0

641

730

3523

3527

$$\frac{49.8}{72.2}$$

0

0

716

644

3495

3498

$$\frac{36.2}{67.2}$$

0

0

850

822

4297

4301

$$\frac{60.0}{72.0}$$

0

0

1384

1207

6659

6665

$$\frac{28.7}{72.0}$$

1325

RU7803097

8/17

9/23

100

8/17

9/23

100

(174)

bird damage (nesting
& feeding rep. II)

1326

NV 76

8/13

9/16

117

8/14

9/16

110

(163)

WT_T

1327

STRN

8/9

9/13

128

8/9

9/13

127

(123)

1328

VSTA

8/2

9/3

123

8/2

9/3

121

(81)

H/
T

0

1376

1175

6556

6562

55.2/
71.3

0

806

0

793

4109

4113

62.8/
70.6

0

814

60

1019

4711

4715

64.6/
70.6

0

706

0

923

4187

4190

67.9/
73.1

1329

NATO

8/8

9/13

130

8/8

9/13

130

(41)

1330

MARS

8/7

9/16

106

8/7

9/16

108

(24)

blotch on some leaves!

1331

RU7403025

8/5

9/13

110

Pecos

8/5

9/13

102

(25)

1332

BRAZ

8/8

9/20

117

8/7

9/20

112

(122)

H/
T

20

880

20

849

4444

68.6/
72.1

4448

0

1022

0

1003

5204

61.9/
71.0

5209

0

1062

0

1036

5392

67.2/
71.3

5397

40

957

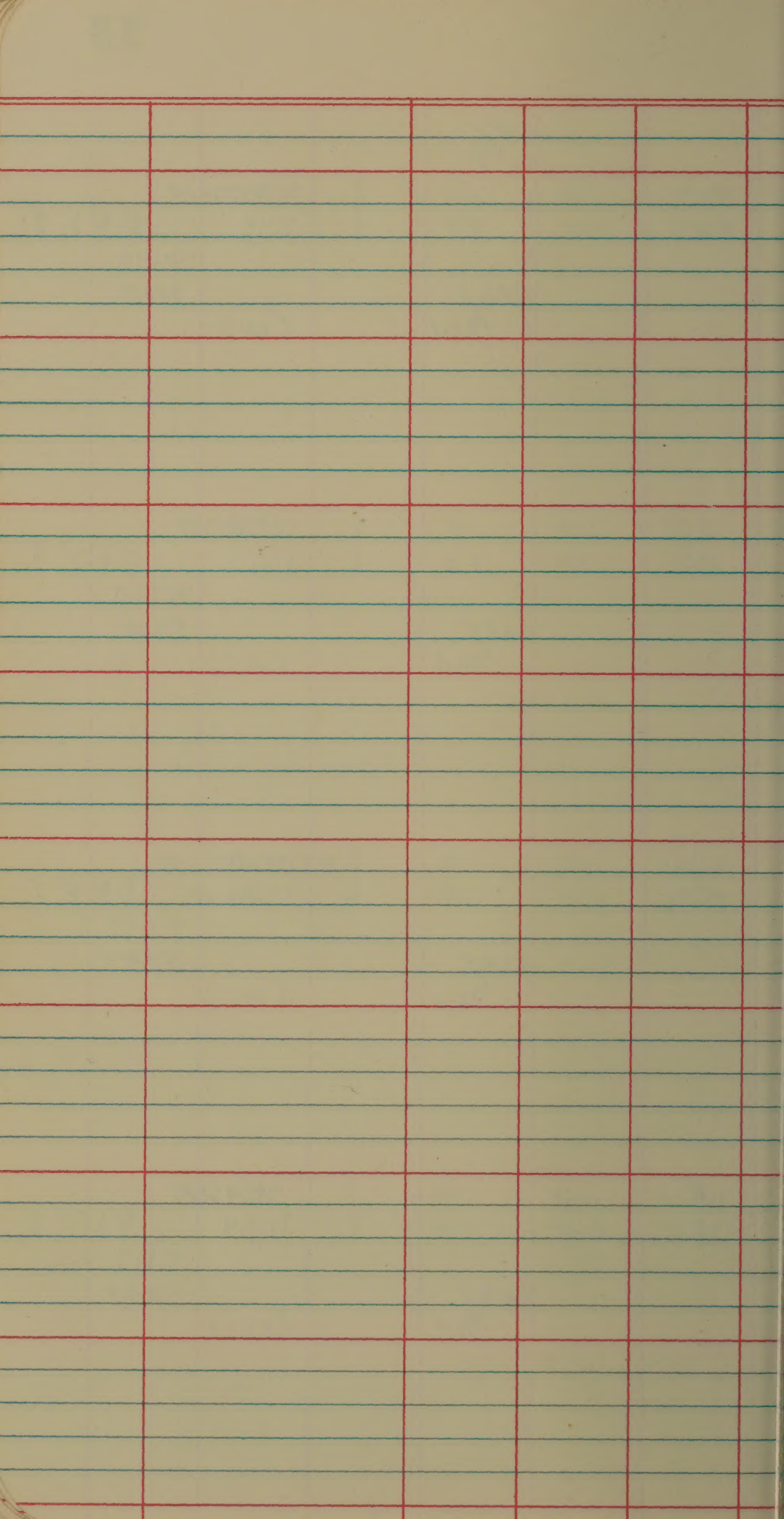
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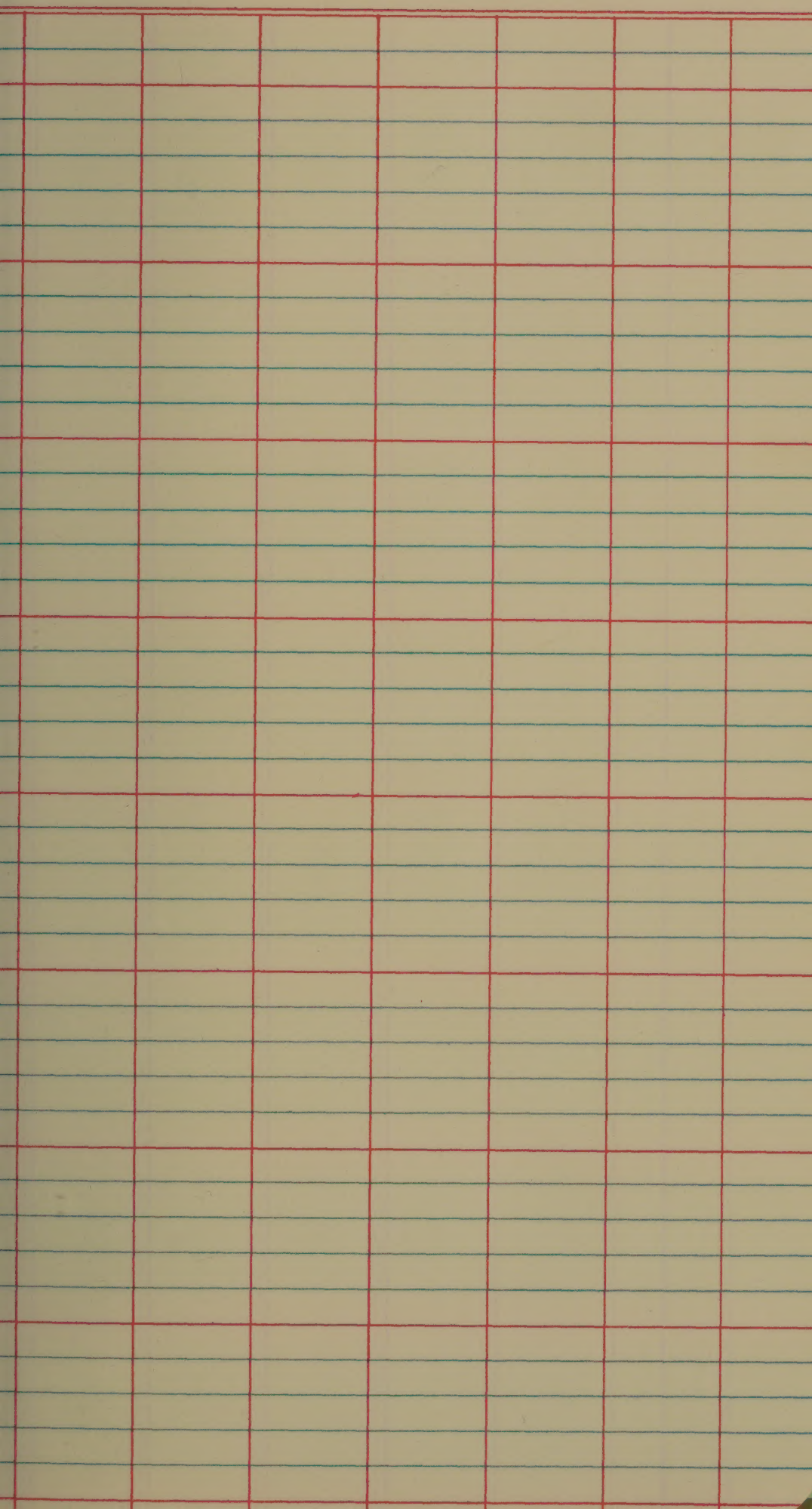
1034

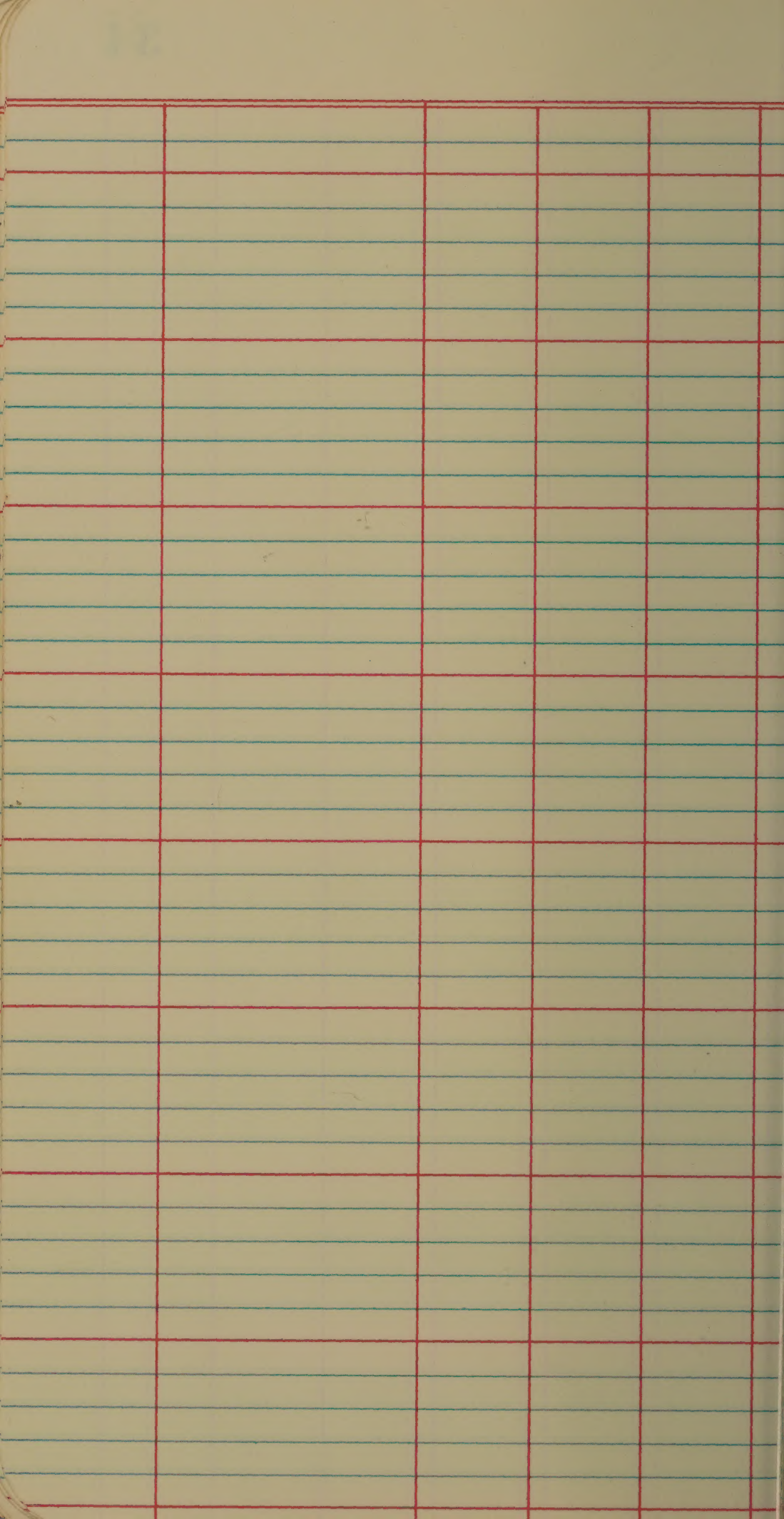
5117

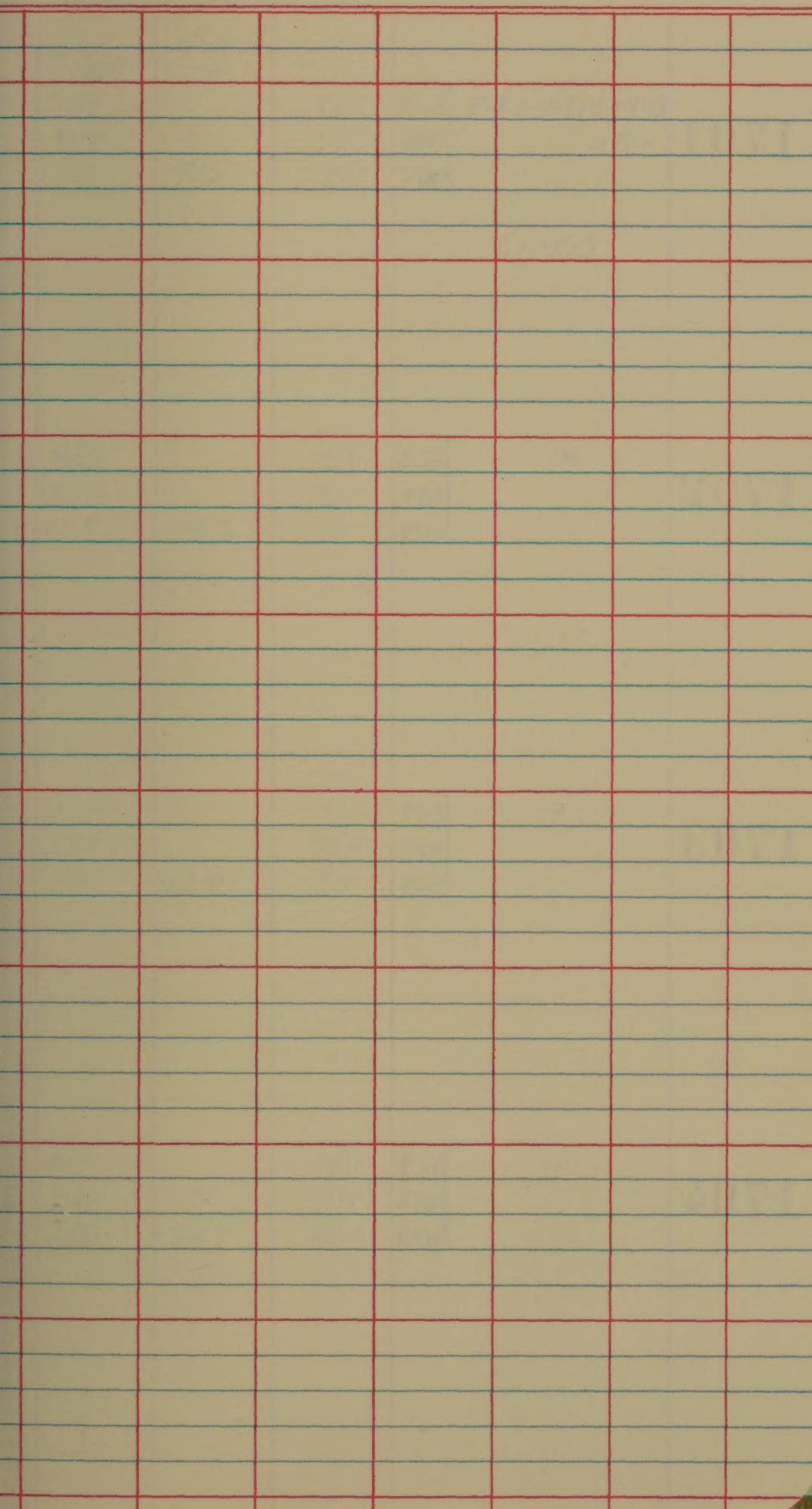
60.9/
71.1

5121









Delayed Harvest Study

Seeded 4/6/82

1701

RUS003043

210

7/17

406

7/17

505

7/18

1702

"

223

7/22

307

7/18

609

7/17

1703

"

209

7/17

420

7/19

509

7/17

1704

"

117

7/21

312

7/18

621

7/18

STUBBLE CROP

GM/
ROTUB/
A.

179

233

131

716

480

236

150

1142

338

228

286

1124

413

Σ 340

266

1343

1705

RU8003043	123	7/22
	419	7/19
	611	7/18

(1295)

1706

"	219	7/22
	318	7/20
	510	7/18

1707

"	224	7/21
	403	7/18
	512	7/18

1708

"	206	7/17
	405	7/17
	602	7/16

2nd copy

GA

LB/A

490

249

322

1399

422

362

222

1327

374

125

180

896

171

125

112

538

1709

RUT603015

208

7/12

316

7/14

618

7/13

1710

"

207

7/12

320

7/16

501

7/13

1711

"

124

7/16

321

7/16

504

7/11

1712

"

114

7/13

305

7/12

507

7/12

2nd crop

GM

LB/A

306

304

206

1155

401

253

163

1126

305

278

270

1125

353

385

473

1597

1713

RU7603015

215

7/15

422

7/16

511

7/13

1714

"

105

7/13

324

7/17

610

7/13

1715

"

204

7/11

413

7/13

502

7/12

1716

"

110

7/13

306

7/12

620

7/13

2nd org

G.M

LB/A.

355

340

399

1443

457

377

317

1518

340

359

320

1344

363

303

293

1265

1717

R07403025

214

7/10

302

7/10

520

7/10

1718

"

116

7/10

409

7/10

516

7/10

1719

"

109

7/10

310

7/10

513

7/10

1720

"

113

7/10

414

7/10

517

7/10

2nd crop

GM. LB./A.

233

272

231

971

217

290

256

1006

311

308

288

1196

313

343

300

1262

1721

RU7403025

220

7/18

412

7/10

607

7/10

1722

"

111

7/10

424

7/11

608

7/10

1723

"

108

7/10

407

7/10

622

7/10

1724

"

* 203

7/10

411

7/10

521

7/10

* book

2nd cup

GM. Lb/A.

202

344

302 1119

307

380

243 1227

277

268

404 1252

245

227

286 1000

1725

LEAH

106

7/16

417

7/16

612

7/17

(1285)

1726

"

121

-

308

7/17

617

7/16

1727

"

119

-

317

7/19

519

7/18

1728

"

104

7/17

301

7/18

614

7/17

2nd exp

GM. LG/A.

251

279

213

980

374

319

362

1392

293

348

298

1239

307

295

313

1207

1729

LEAH

202

7/17

423

7/17

606

7/16

1730

"

213

7/19

401

7/18

616

7/17

1731

"

205

7/16

421

7/21

522

7/19

1732

"

218

—

418

7/18

506

7/16

2nd crop

G.H.

LB/A.

301

384

152

1104

2147

172

122

582

123

219

181

690

107

148

113

485

LDLE by error 8

1733

BLMT

102

7/5

322

7/10

623

7/5

(Fd)

1734

112

7/5

314

7/5

515

7/5

1735

101

7/5

402

7/5

508

7/5

1736

211

7/5

313

7/5

603

7/5

[illegible]

1737

221	7/12
408	7/5
503	7/5

1738

118	7/10
416	7/5
604	7/5

1739

201	7/5
415	7/5
523	7/19

Sept 27

1740

107	7/5
410	7/5
514	7/5

1741

LBLE

103

7/5

8/3

304

7/5

8/3

619

7/5

8/3

(Fd)

1742

"

216

7/9

315

7/5

613

7/5

1743

"

115

7/5

404

7/5

605

7/5

1744

"

120

7/16

309

7/5

615

7/5

2nd crop

G.N.

LB/A

282

306

245

1099

354

274

314

1242

359

347

402

1461

424

472

363

1661

1745

LBLE

212

7/5

319

7/9

524

7/5

1746

"

222

7/10

303

7/5

518

7/5

1747

"

122

7/12

311

7/5

624

7/5

1748

"

217

7/10

323

7/10

601

7/5

2nd crop

GM. LB/A

472

443

459 1812

416

396

367 1555

387

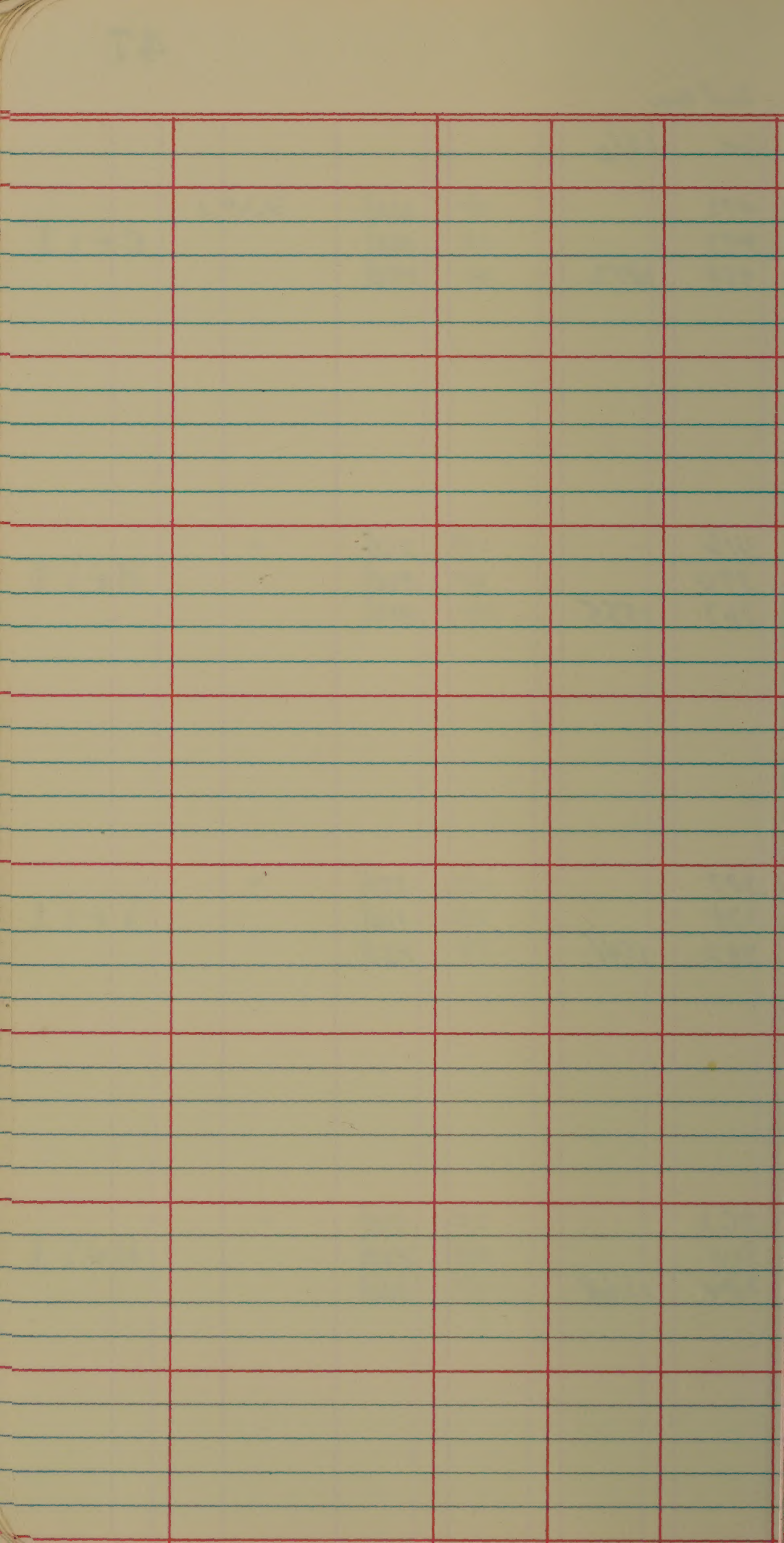
379

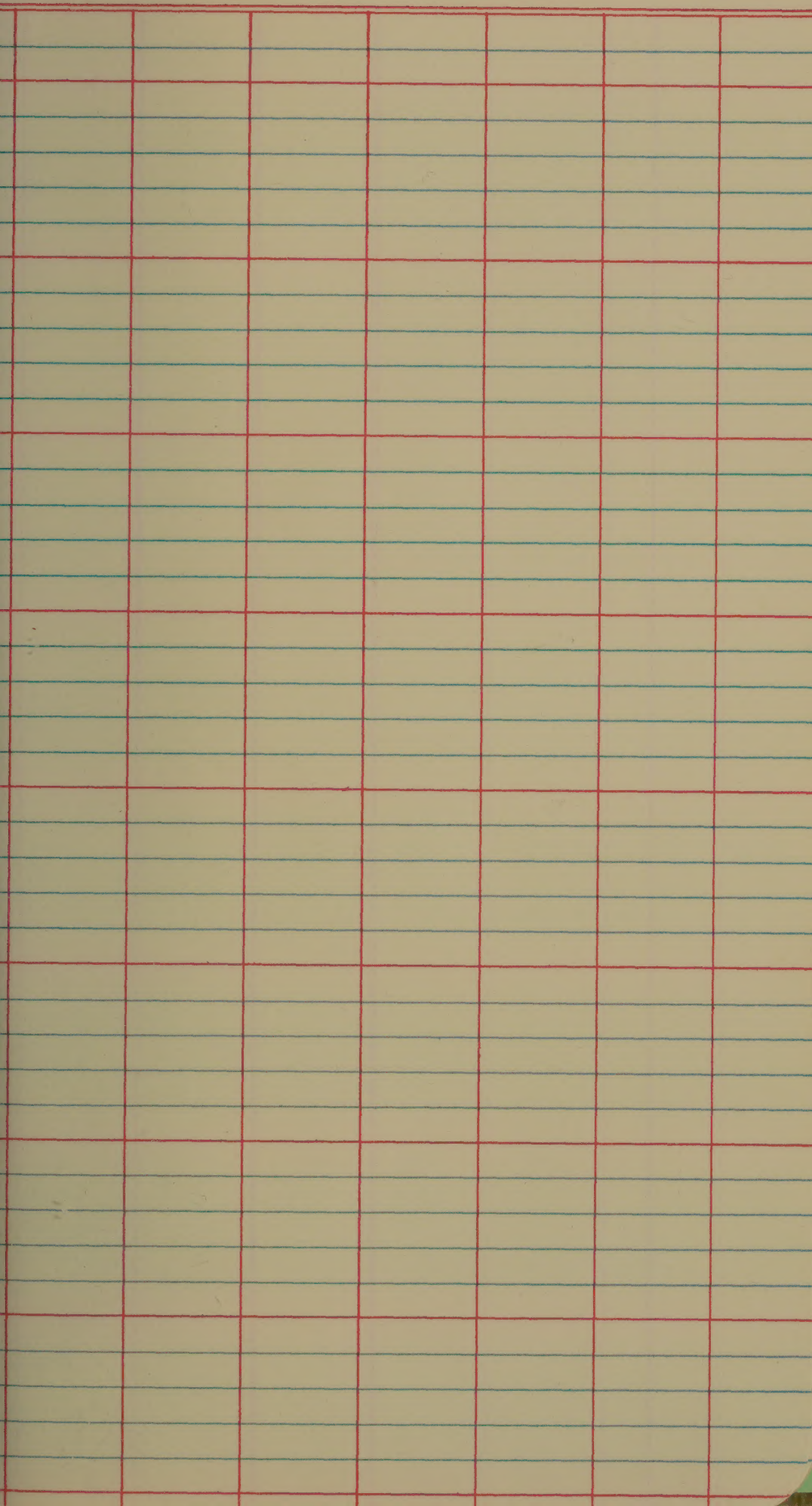
402 1541

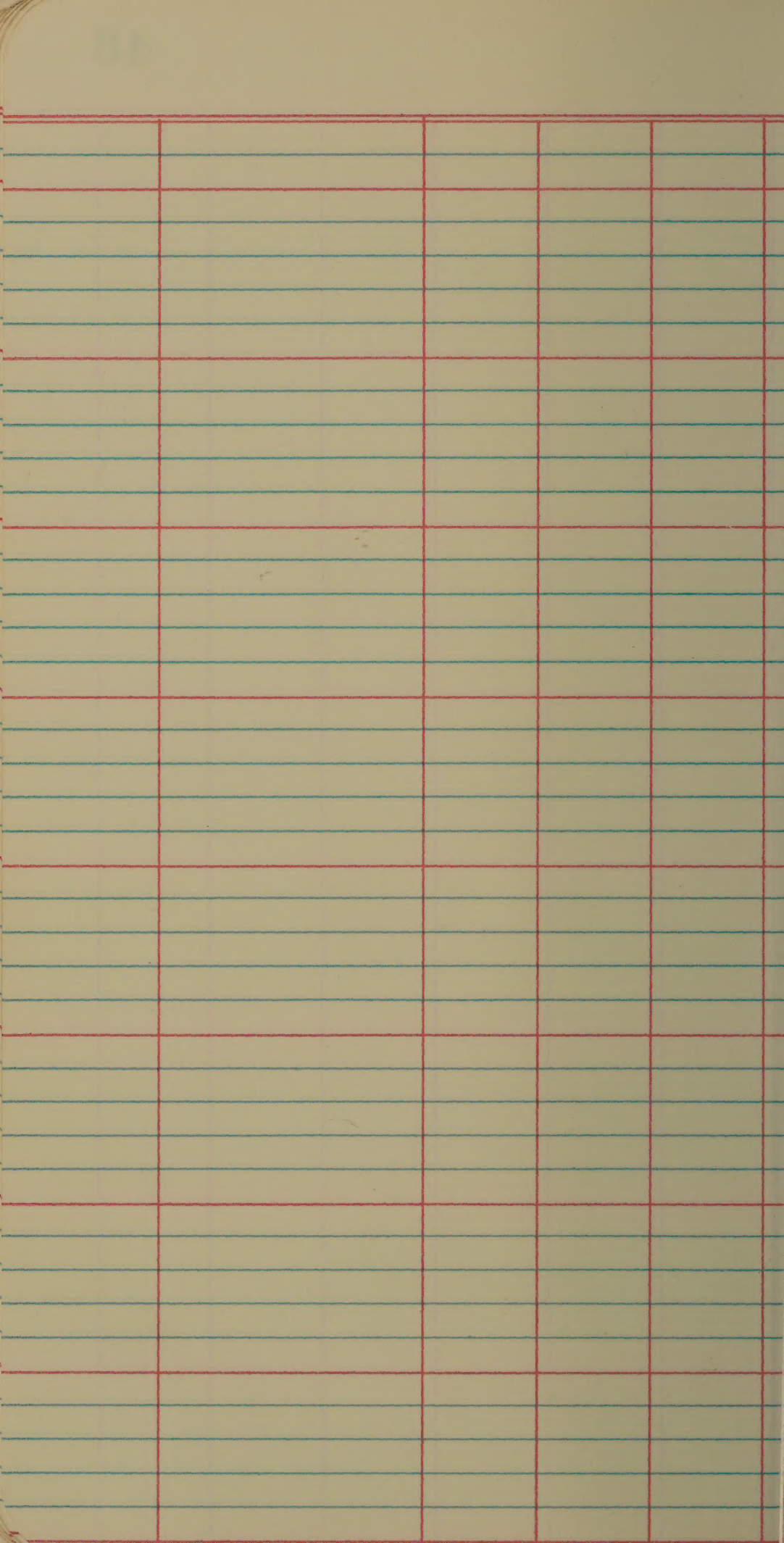
363

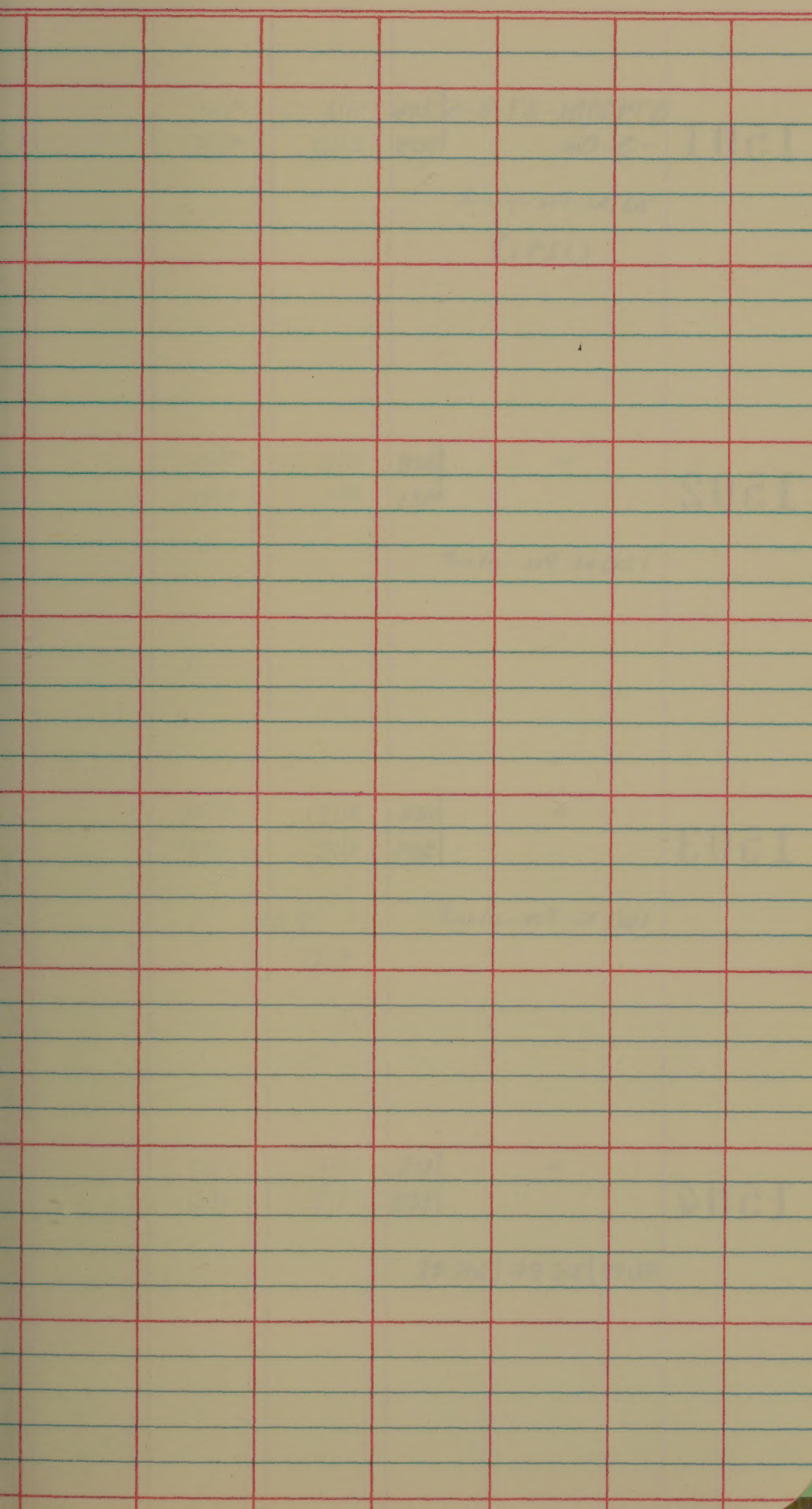
314

284 1268









Secded: 5/20/82

1501

BT439A1-27-8-5 | 206
-3-Bk | 304

8/11

9/21

8/10

9/21

80 N Pre-plant
(1291)

1502

"

208

8/11

9/21

421

8/9

9/21

120 N Pre-plant

1503

"

124

8/12

9/21

309

8/12

9/21

160 N Pre-plant

1504

"

119

8/11

9/21

308

8/12

9/21

50 PP / 35 PF / 35 PI

No lodging in any plot!

50

70.3/
73.3

1505

BT439A1-48-1-4/104
-Bk-2-2-Bk 415

8/9

9/21

8/9

9/21

RU8203141

(1295)

80 N Pre-plant

1506

"

118

8/10

9/21

302

8/11

9/21

120 N Pre-plant

1507

"

214

8/11

9/21

322

8/11

9/21

160 N Pre-plant

1508

"

201

8/13

9/21

315

8/11

9/21

50 PP/35 PF/35 PI

$$\frac{66.8}{72.5}$$

1509

87439A2-4-5-5 | 203
-1-5 | 414

8/14

9/21

8/12

9/21

80 N Pre-plant
(1302)

1510

101

8/14

9/21

321

8/12

9/21

120 N Pre-plant

1511

123

8/13

9/21

311

8/15

9/21

160 N Pre-plant

1512

207

8/14

9/21

420

8/12

9/21

50PP/35PF/35PI

$$\begin{array}{r} 69.3/ \\ 73.9 \end{array}$$

1513

B7439A2-24-2-1 | 202
-5-3-1 | 312

8/14

9/21

8/14

9/21

RU8203072

(1308)

80 N Pre-plant

1514

"

106

8/12

9/21

316

8/14

9/21

120 N Pre-plant

1515

"

216

8/13

9/21

413

8/12

9/21

160 N Pre-plant

1516

"

205

8/14

9/21

303

8/13

9/21

50 PP/35 PF/35 PI

$$\begin{array}{r} 69.5 \\ \hline 73.1 \end{array}$$

1517

BT439A2-35-5-1 | 115
- 3 - Bk | 320

8/12

9/21

8/13

9/21

80 N Pre-plant
(1311)

1518

"

218

8/13

9/21

404

8/12

9/21

120 N Pre-plant

1519

"

120

8/13

9/21

317

8/14

9/21

160 N Pre-plant

1520

"

221

8/12

9/21

411

8/13

9/21

50 PP / 35 PF / 35 PI

$$\frac{68.8}{73.0}$$

1521

BT439A2-41-8-3 | 122
-2-BK | 405

8/11

9/21

8/11

9/21

80 N Pre-plant
(1314)

1522

"

223

8/11

9/21

310

8/11

9/21

120 N Pre-plant

1523

"

114

8/11

9/21

323

8/10

9/21

160 N Pre-plant

1524

"

107

8/11

9/21

318

8/11

9/21

50 PP / 35 PF / 35 PI

$$\begin{array}{r} 69.6 \\ \hline 73.2 \end{array}$$

1525

BT442A1-68-1-3 | 217
-5 | 401

8/13

9/21

8/12

9/21

80 N Pre-plant
(1339)

1526

"

212

8/13

9/21

417

8/13

9/21

120 N Pre-plant

1527

"

213

8/13

9/21

409

8/12

9/21

160 N Pre-plant

1528

"

103

8/12

9/21

410

8/12

9/21

50 PP / 35 PF / 35 PI

$$\begin{array}{r} 68.5 \\ \hline 71.8 \end{array}$$

1529

B7442A1-80-5-3

204

8/9

9/21

-2

307

8/10

9/21

80 N Pre-plant
(1340)

1530

102

8/9

9/21

314

8/10

9/21

120 N Pre-plant

1531

108

8/9

9/21

412

8/9

9/21

160 N Pre-plant

1532

110

8/9

9/21

416

8/9

9/21

50PP/35PF/35PI

$$\begin{array}{r} 67.6 \\ 71.8 \end{array}$$

1533

B7442A2-28-4

111

8/11

9/21

-2-3

324

8/12

9/21

80 N Pre-plant
(1351)

1534

116

8/11

9/21

408

8/10

9/21

120 N Pre-plant

1535

215

8/11

9/21

422

8/10

9/21

160 N Pre-plant

1536

220

8/12

9/21

305

8/11

9/21

50PP/35PF/35PI

$$\begin{array}{r} 57.1 \\ 70.2 \end{array}$$

1537

RU7403025

211

8/6

9/16

424

8/6

9/16

80 N Pre-plant

1538

109

8/6

9/16

418

8/6

9/16

120 N Pre-plant

1539

105

8/7

9/16

319

8/7

9/16

160 N Pre-plant

1540

222

8/7

9/16

403

8/6

9/16

50 PP / 35 PF / 35 PI

0

0

0

0

0

0

$$\frac{60.1}{70.6}$$

0

0

1541

MARS

224

8/10

9/16

406

8/8

9/16

80 N Pre-plant

1542

209

8/10

9/16

419

8/8

9/16

120 N Pre-plant

1543

113

8/10

9/16

301

8/11

9/16

160 N Pre-plant

1544

121

8/8

9/16

407

8/8

9/16

50PP/35PF/35PI

$$\frac{64.1}{70.3}$$

1545

BRAZ

219

8/10

9/21

313

8/9

9/21

80 N Pre-plant

1546

210

8/10

9/21

423

8/8

9/21

120 N Pre-plant

1547

117

8/10

9/21

402

8/10

9/21

160 N Pre-plant

WT

1548

112

8/9

9/21

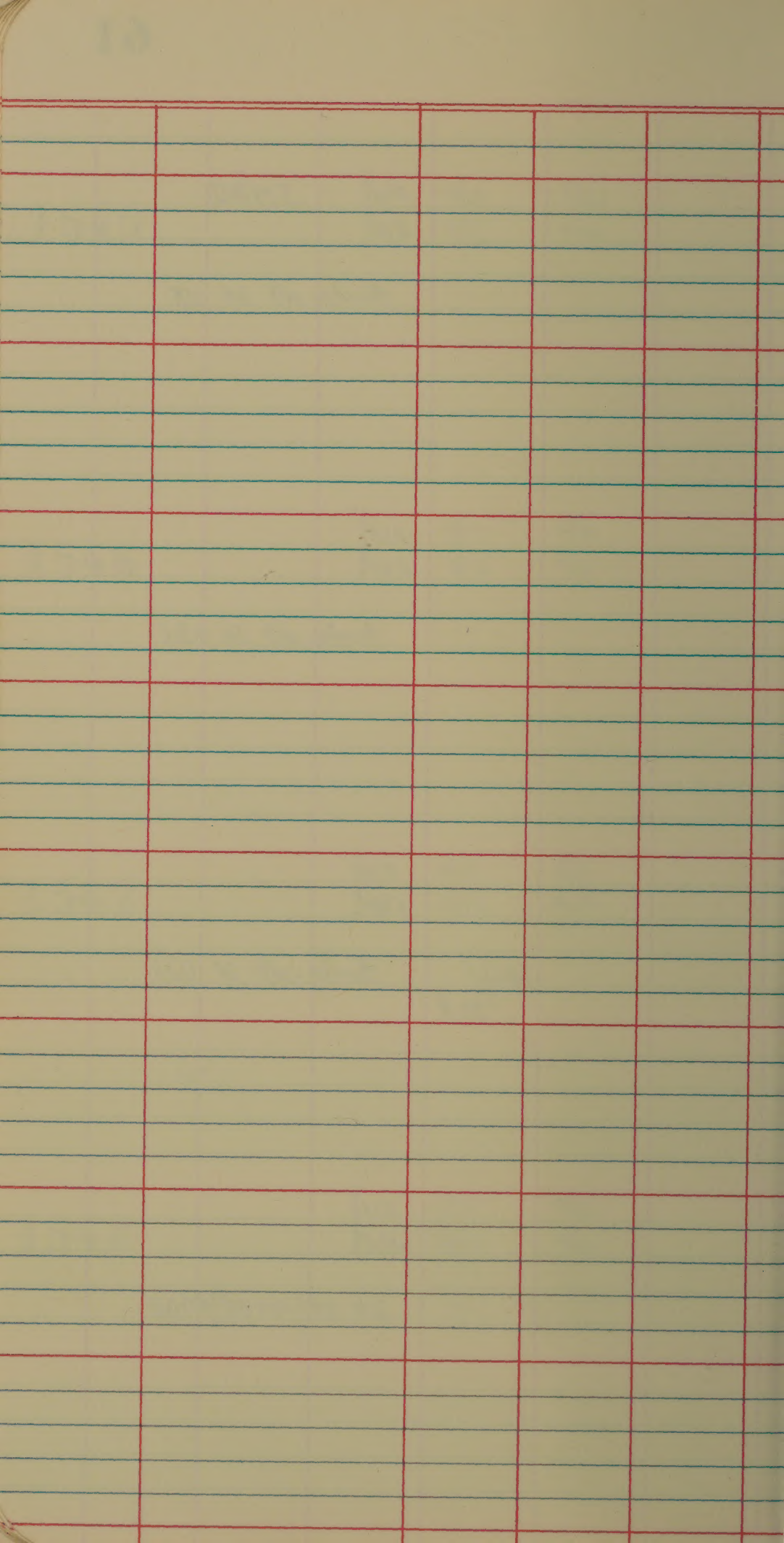
306

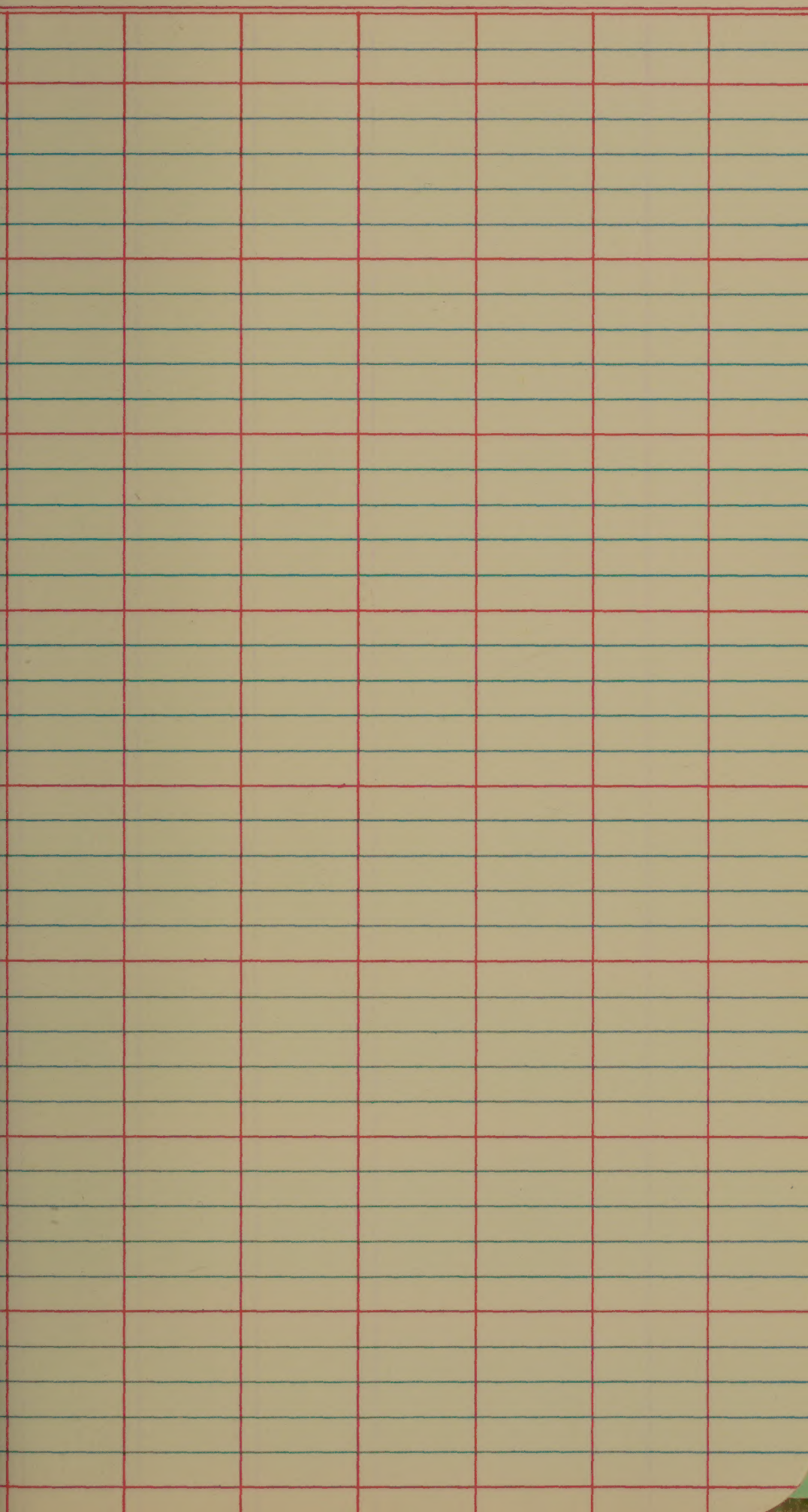
8/10

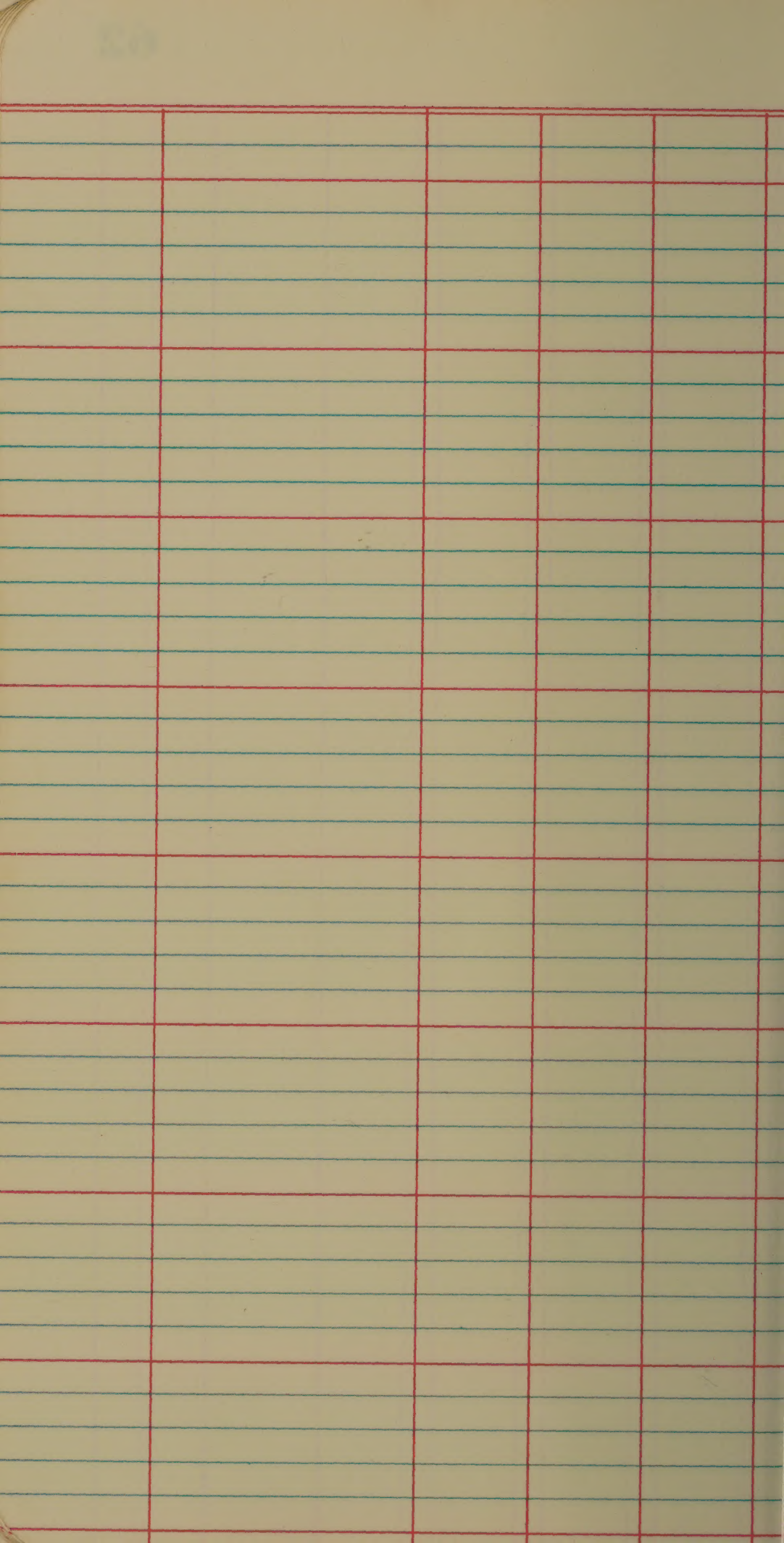
9/21

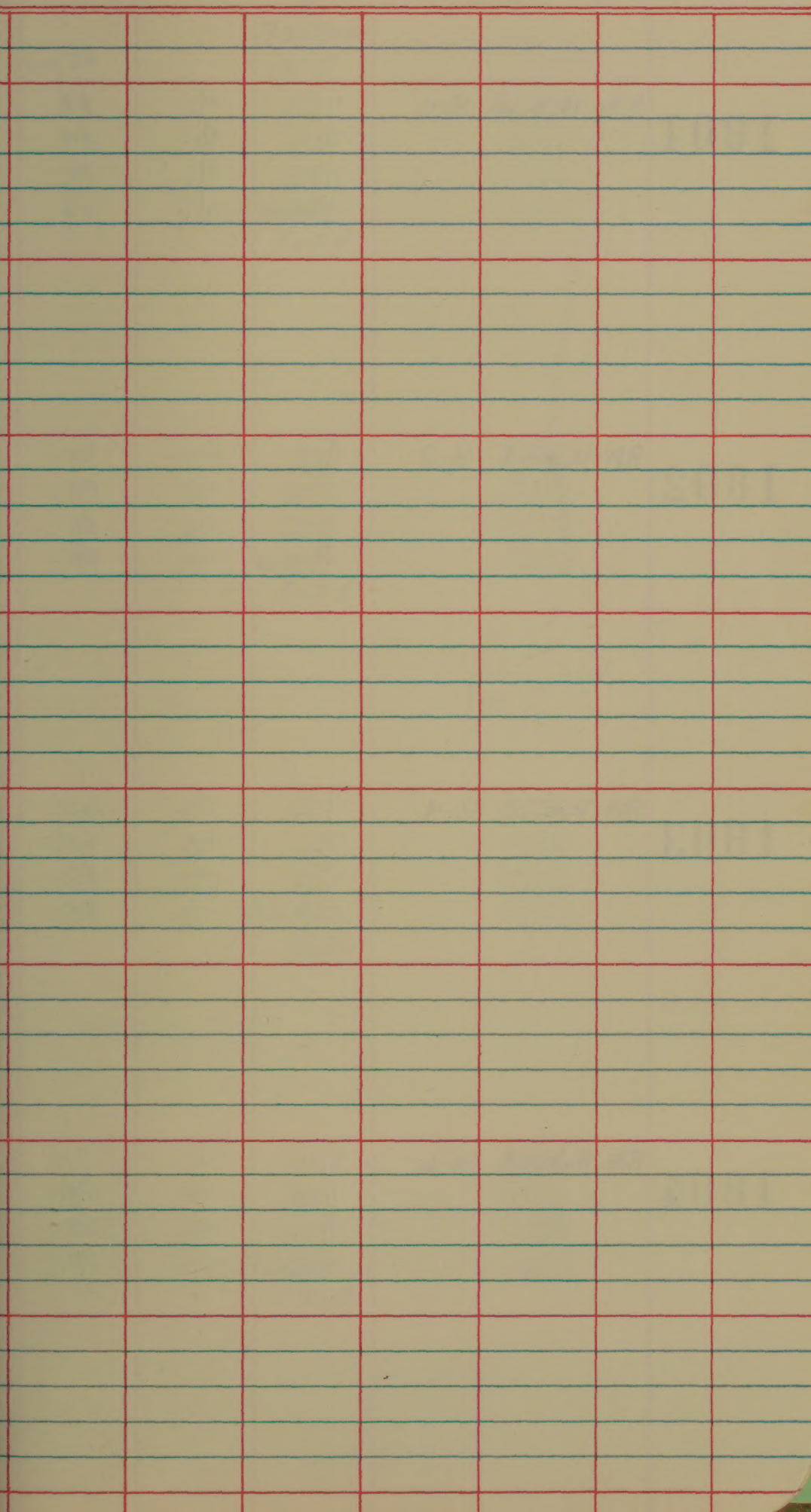
50PP/35PF/35 PI

$$\begin{array}{r} 66.2 \\ 71.8 \end{array}$$









Hv'd 2' x 2 row sample from each of these
 plots on the day of harvest for yield component data!
 Seeded 4/6/82

				HT, (cm)
1801	RA Hybrid H-1	7/23	9/1	84
		7/23	9/1	84
		7/23	9/1	81
		7/23	9/1	82
1802	RA Hybrid H-2	7/26	9/3	94
		7/26	9/3	93
		7/25	9/3	90
		7/25	9/3	90
	Tagged wrong in exp III			
1803	RA Hybrid H-4	7/30	9/3	102
		7/31	9/3	95
		7/31	9/3	96
		8/1	9/3	95
1804	RA Hybrid H-6	7/24	9/1	91
		7/25	9/1	85
		7/24	9/1	85
		7/25	9/1	85

Hv'd 2 rows x 16'

Unleaved wt.

64

$$\begin{array}{r} 0. \\ \text{MILLING} \\ H/T \end{array}$$

gm/plot

0

1197

0

1176

0

1206

0

$$\begin{array}{r} 40.2 \\ \hline 67.8 \end{array}$$

1204

0

1455

0

1352

0

1273

0

$$\begin{array}{r} 40.0 \\ \hline 67.5 \end{array}$$

1300

0

1373

0

1340

0

1306

0

$$\begin{array}{r} 32.4 \\ \hline 68.0 \end{array}$$

1253

0

1351

0

1338

0

1288

0

$$\begin{array}{r} 32.1 \\ \hline 70.3 \end{array}$$

1302

1805

RA Hybrid H-7

7/27

9/3

102

7/28

9/3

96

7/28

9/3

93

7/28

9/3

93

1806

LA 110

7/20

8/23

84

7/19

8/23

78

7/20

8/23

81

7/20

8/23

79

1807

RU7803097

7/29

9/3

94

7/30

9/3

90

7/29

9/3

90

7/30

9/3

88

1808

H-1 F₂

7/16

9/9

60-90

7/16

9/9

56-88

7/16

9/9

55-85

7/16

9/9

54-88

Unseen heading!

$$\frac{4}{T}$$
g_w/plot

0

1479

0

1335

0

1364

0

1341

$$\frac{31.1}{68.6}$$

0

1045

0

1053

0

1098

0

1060

$$\frac{13.4}{71.4}$$

0

1247

0

1189

0

1198

0

1002

$$\frac{50.4}{69.5}$$

0

629

0

619

0

550

0

729

$$\frac{38.5}{65.6}$$

1809

Kwang-chang ai

7/12

8/19

80

7/13

8/19

78

7/12

8/19

78

7/12

8/19

76

1810

BRAZ

7/12

8/19

89

7/13

8/19

86

7/12

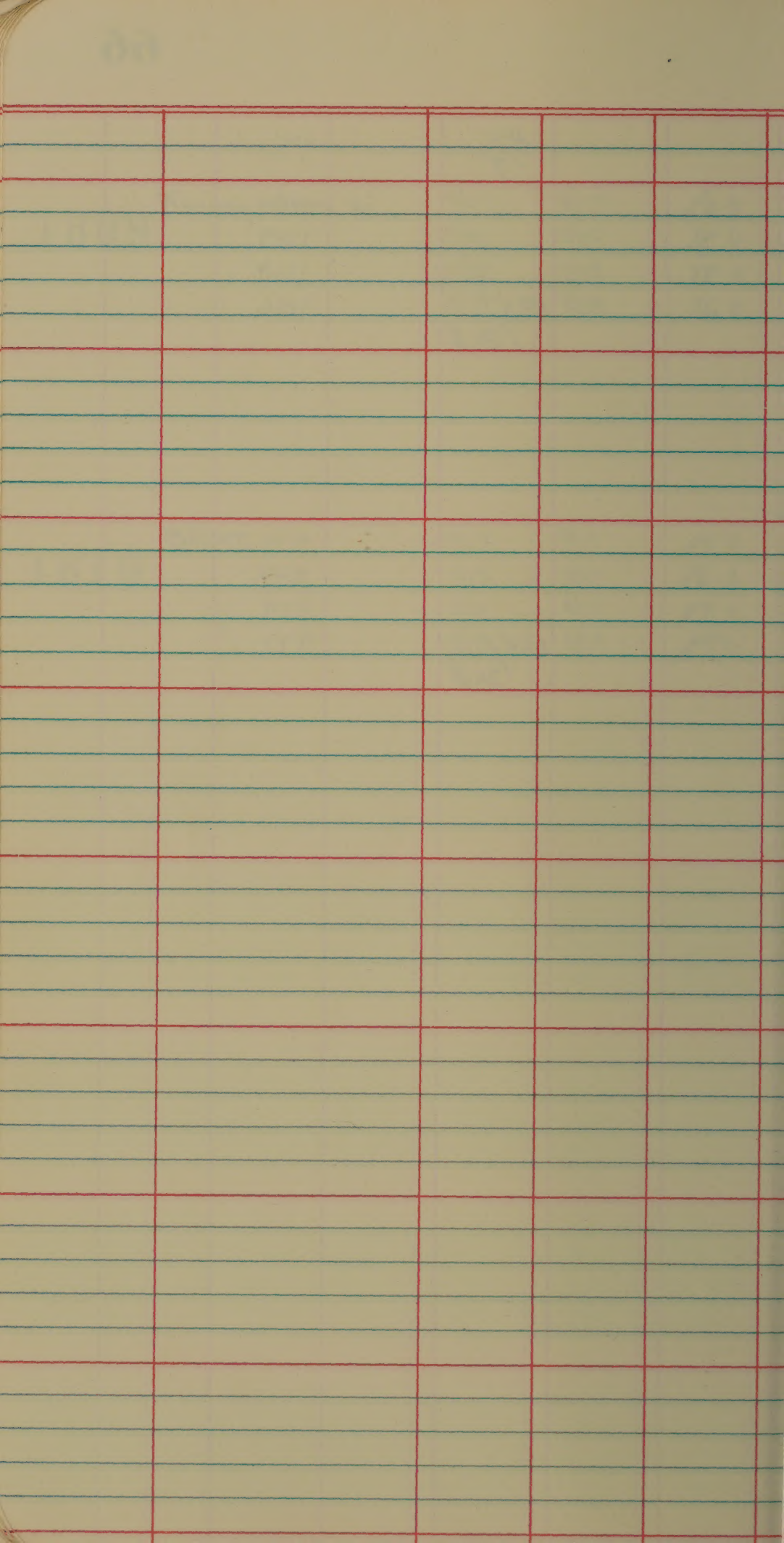
8/19

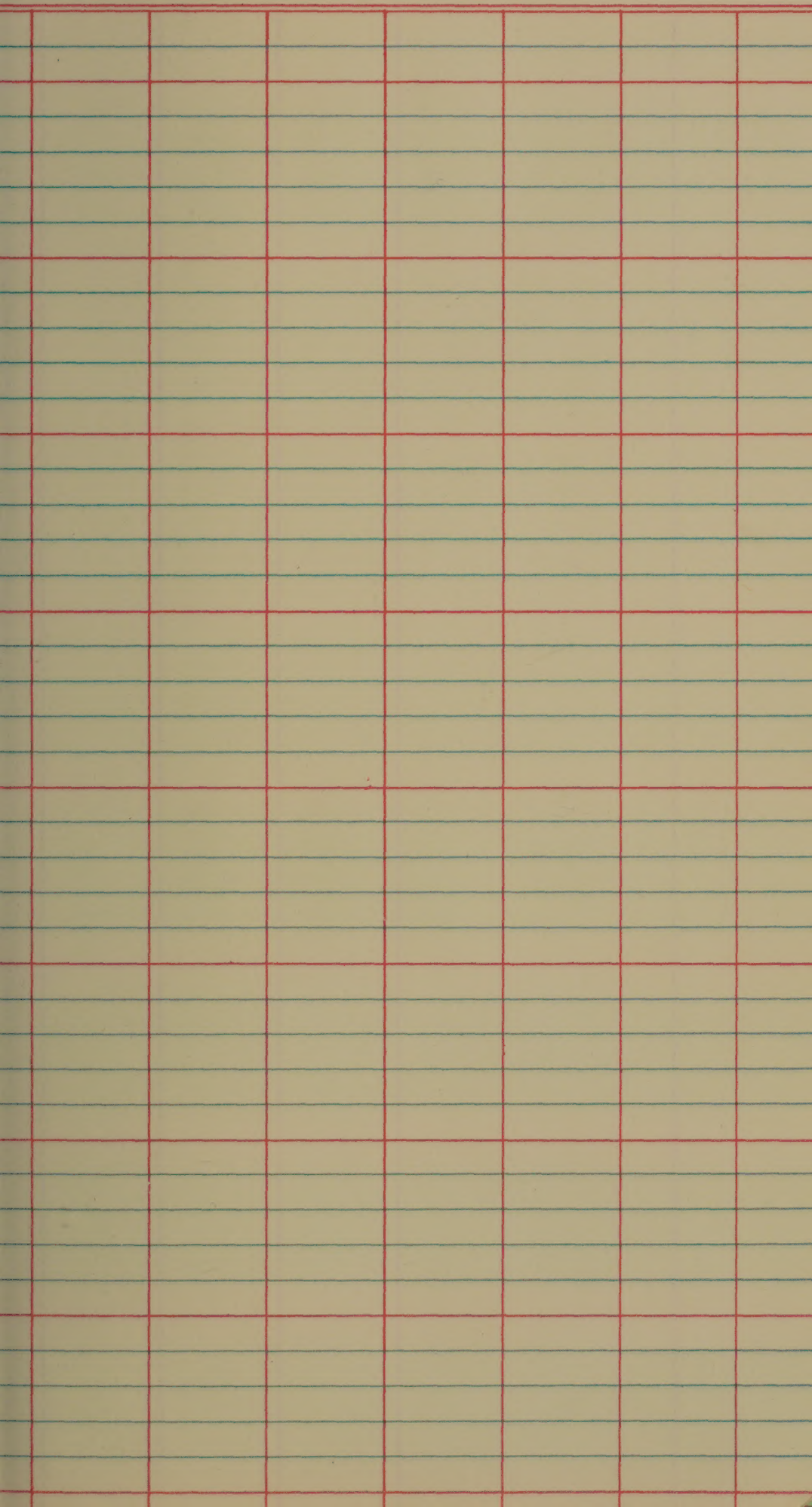
87

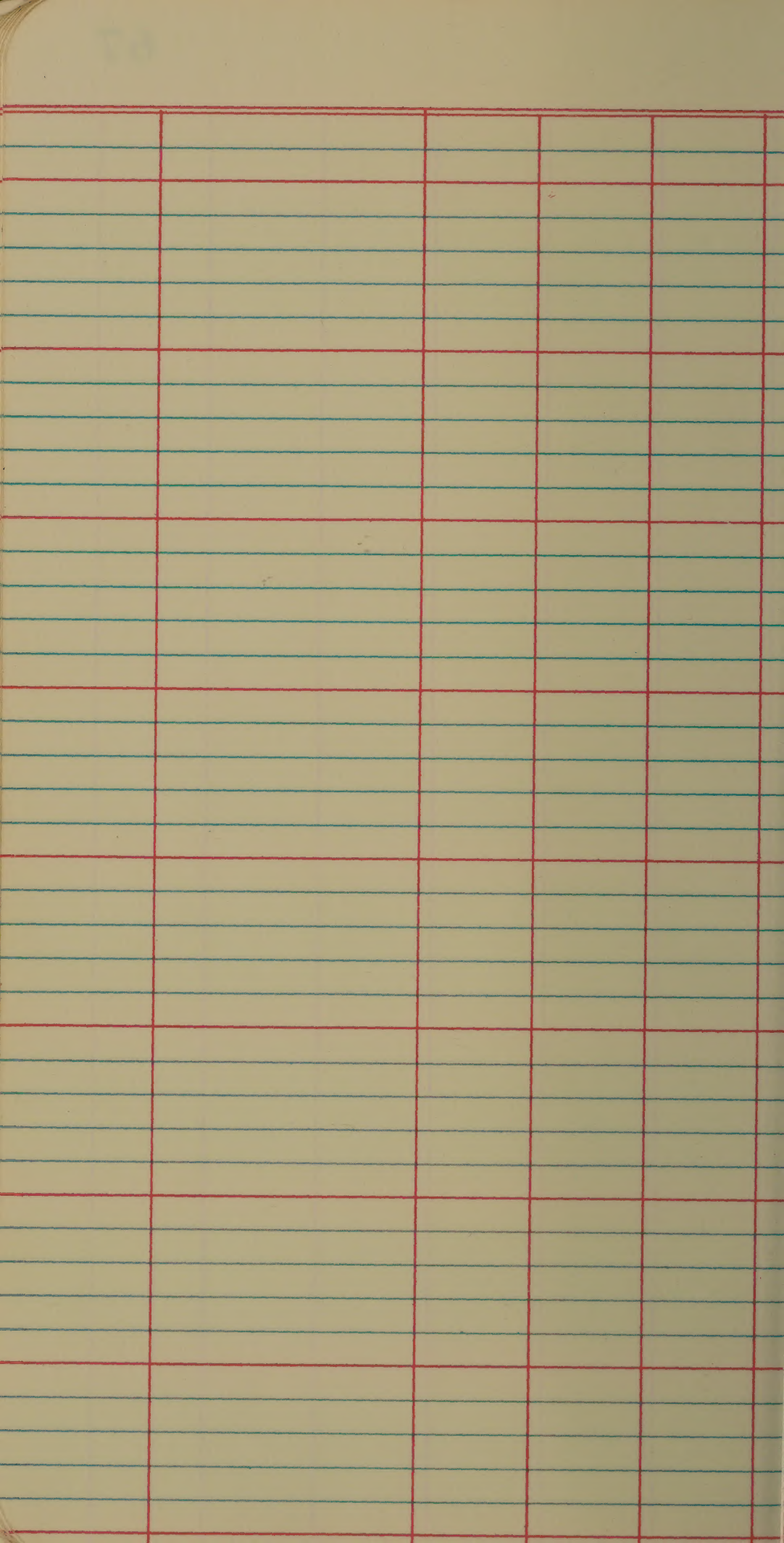
7/12

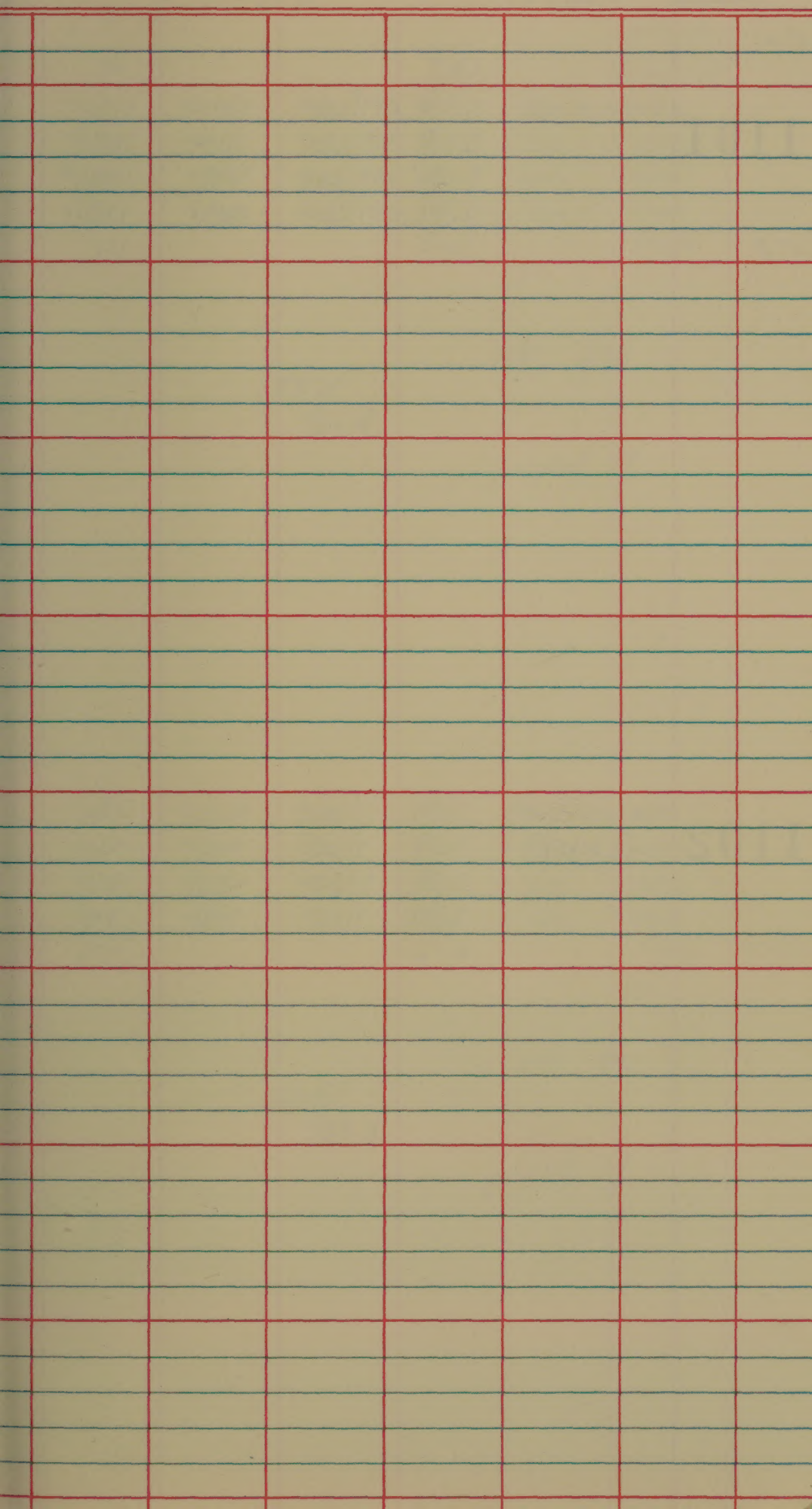
8/19

89









Determined LAI on all plots 7/23/82

Seeded 4/30/82

1101

	LAI			Ht.
NOVA 66	5.73	7/20	8/19	116
	5.98	7/22	8/19	107
	5.01	7/21	8/19	107
	5.80	7/21	8/19	112
	5.63			111

LAI 7/23

No lodging

1102

RU8003043	3.57	7/20	8/19	75
(LMNT)	3.32	7/20	8/19	71
	3.25	7/20	8/19	70
	3.52	7/19	8/19	74
	3.42			73

LAI 7/23

No lodging

2' Samples

7/20	7/23	7/26	7/29	8/1
7/20	7/23	7/26	7/29	8/1
7/20	7/23	7/26	7/29	8/1
7/20	7/23	7/26	7/29	8/1

57.7/
66.9

7/20	7/23	7/26	8/1
7/20	7/23	7/26	8/1
7/20	7/23	7/26	8/1
7/20	7/23	7/26	8/1

61.8/
69.2

8/4	8/7	8/10	8/13	
8/4	8/7	8/10	8/13	
8/4	8/7	8/10	8/13	
8/4	8/7	8/10	8/13	

8/4	8/7	8/10	8/13	
8/4	8/7	8/10	8/13	
8/4	8/7	8/10	8/13	
8/4	8/7	8/10	8/13	

[illegible]

1103

	LAI	Heading	Harvest	
Bluebelle	3.22	7/16	8/16	98
	3.13	7/17	8/16	100
	2.64	7/16	8/16	100
	<u>2.87</u>	7/17	8/16	<u>100</u>
	2.97			100

No Lodging

LAI 7/23

1104

Bellefont	2.37	7/18	8/16	71
	2.41	7/18	8/16	70
	2.57	7/19	8/16	70
	<u>2.16</u>	7/17	8/16	<u>71</u>
	2.38			71

LAI 7/23

no lodging

2' Samples

7/20	7/23	7/26	8/1
7/20	7/23	7/26	8/1
7/20	7/23	7/26	8/1
7/20	7/23	7/26	8/1

50.1/
66.7

7/20	7/23	7/26	8/1
7/20	7/23	7/26	8/1
7/20	7/23	7/26	8/1
7/20	7/23	7/26	8/1

56.2/
67.8

8/4	8/7	8/10	8/13
8/4	8/7	8/10	8/13
8/4	8/7	8/10	8/13
8/4	8/7	8/10	8/13

8/4	8/7	8/10	8/13
8/4	8/7	8/10	8/13
8/4	8/7	8/10	8/13
8/4	8/7	8/10	8/13

1105

TN-1

LAI

5.86

7/21

9/1

79

3.23

7/21

9/1

78

4.41

7/21

9/1

77

4.37

7/21

9/1

76

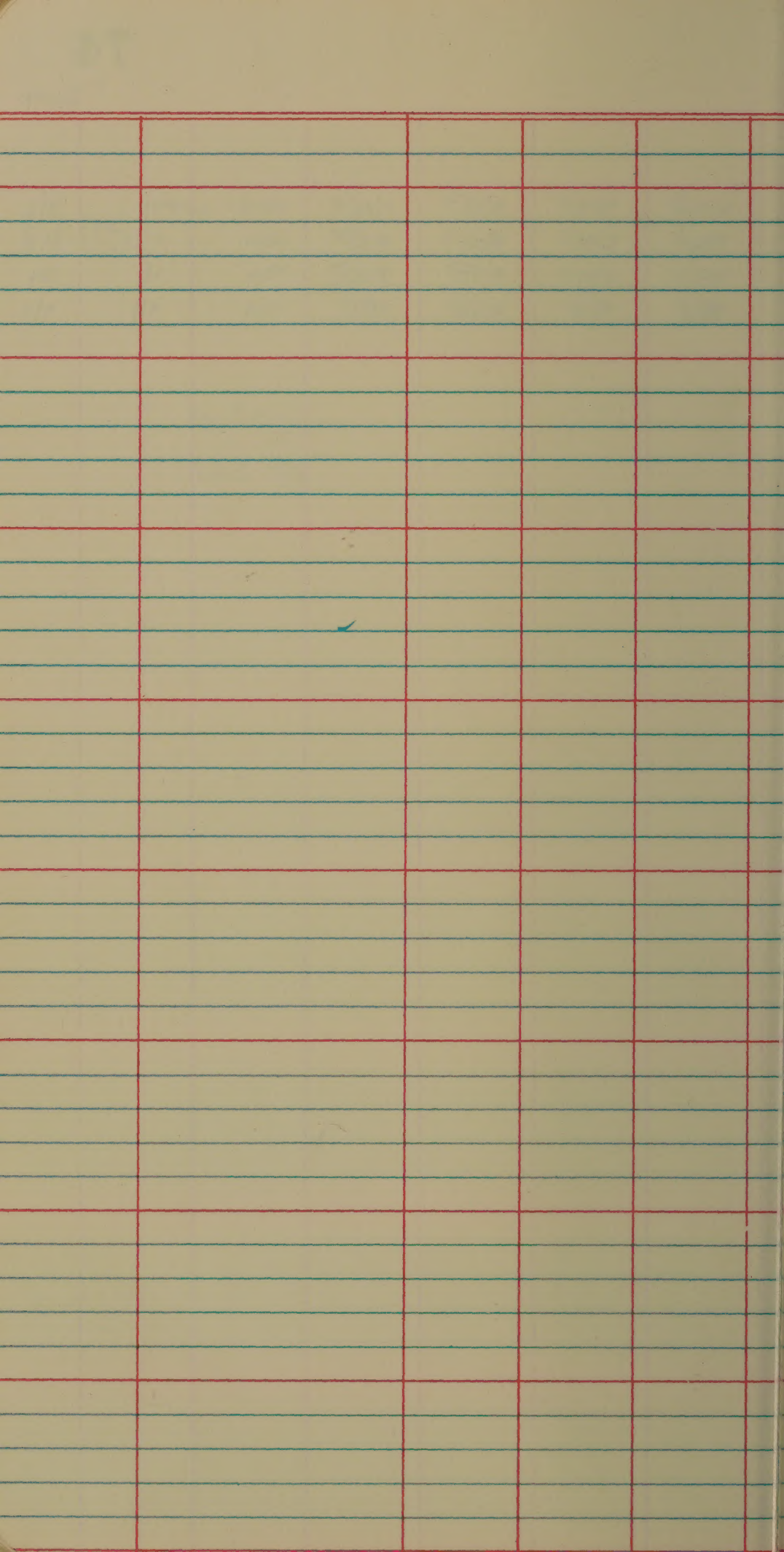
4.47

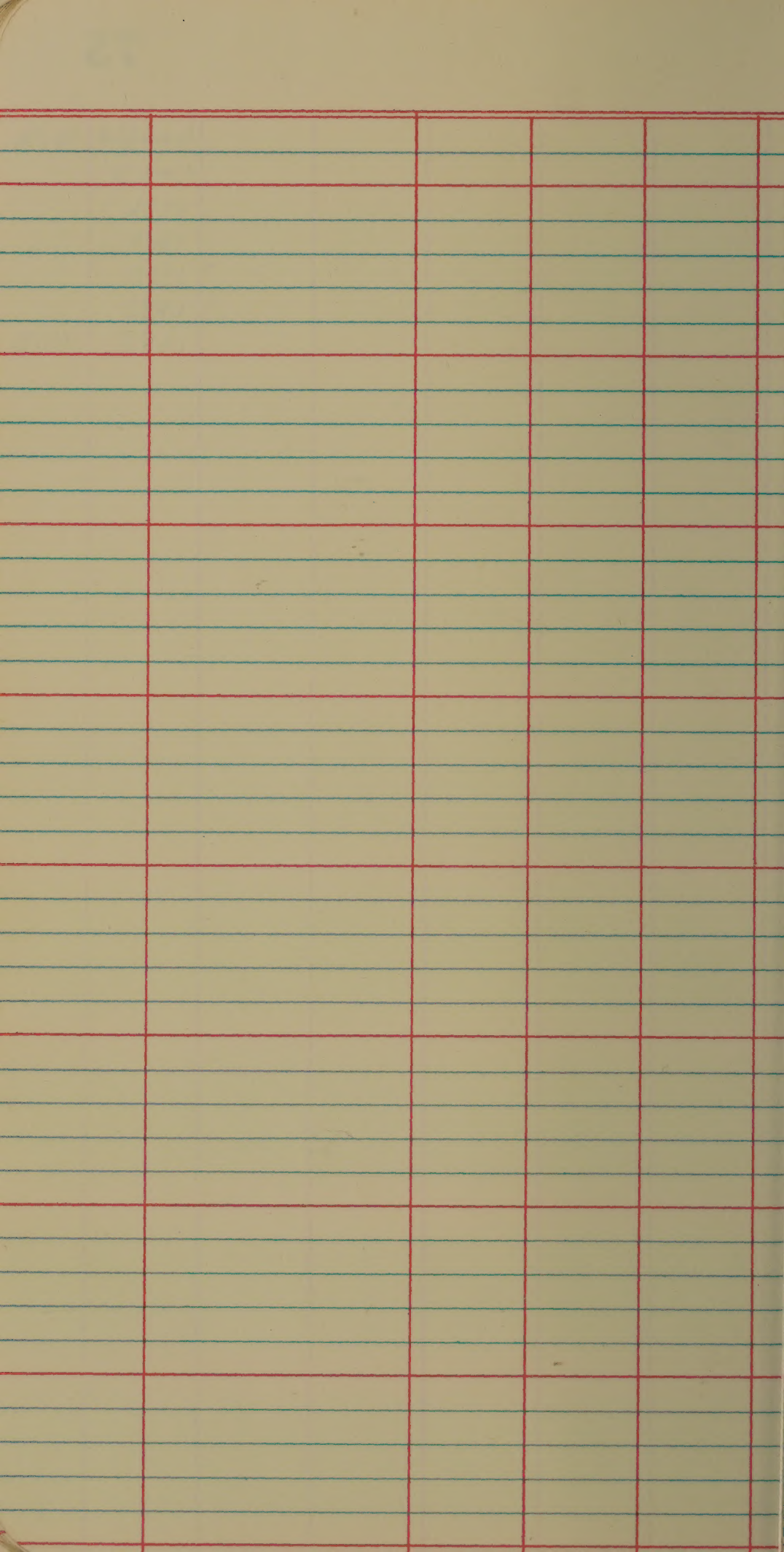
78

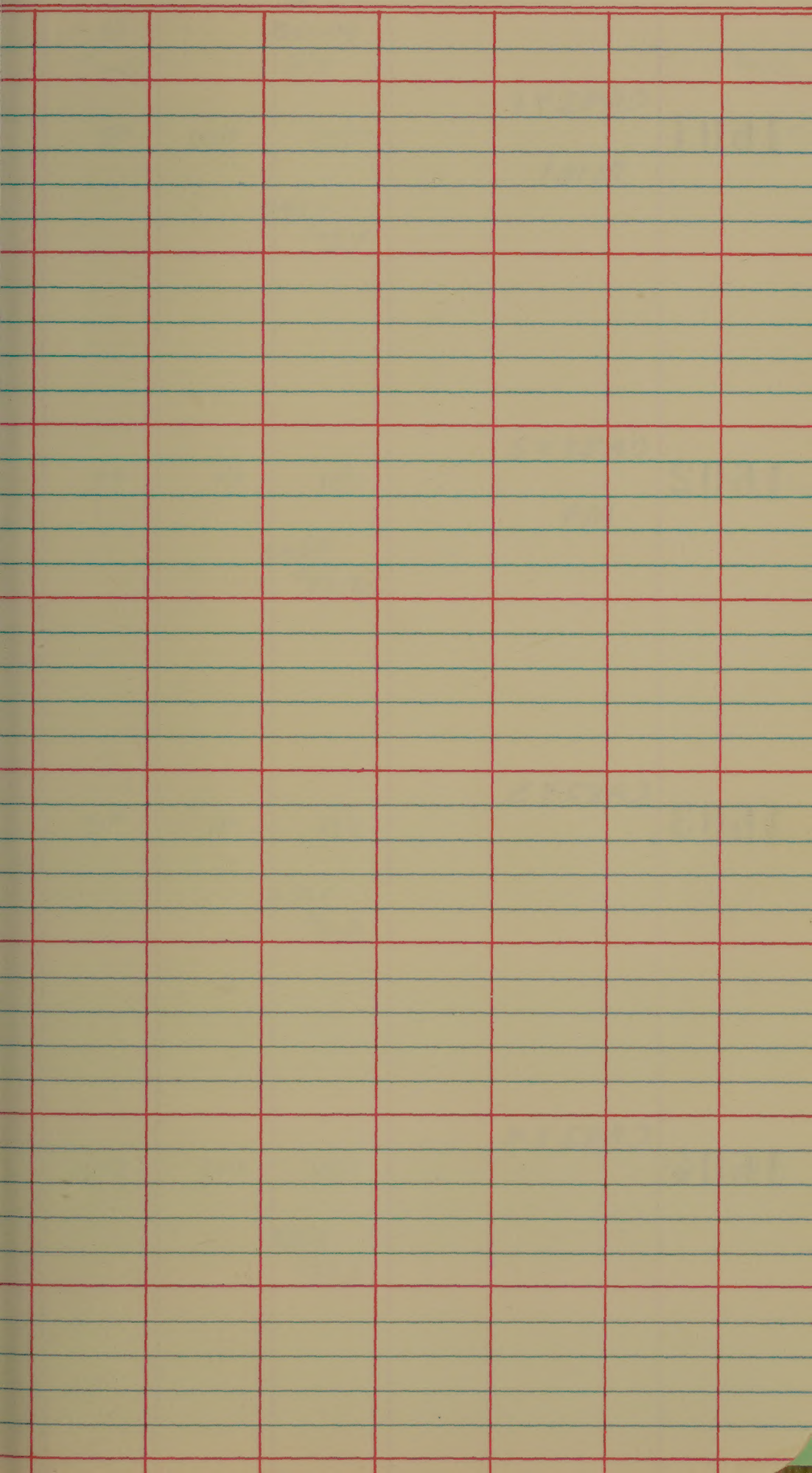
No lodging

LAI 7/23

[illegible]







California Variety Trial

Seeded 5/20/82

				Ht (cm)
1601	CA82Y1 M101	7/25	8/30	90
1602	CA82Y2 M9	7/31	9/9	92
1603	CA82Y3	7/27	9/9	90
1604	CA82Y4	7/28	8/30	84

90

HILLING

H/T

16/A

5345

64.0/
72.4

5556

64.8/
72.2

5287

64.6/
70.6

4419

55.1/
73.2

CA8245

1605

7/30

9/7

98

sgt

CA8246

1606

8/2

9/7

93

CA8247

1607

7/26

9/9

101

Memorandum told sep!
Vas. mat.

CA8248

1608

7/29

9/7

101

$$\frac{4}{7}$$

16/A

$$\frac{57.6}{72.5}$$

5577

$$\frac{69.0}{73.8}$$

5299

$$\frac{62.6}{71.6}$$

5386

$$\frac{56.5}{73.6}$$

5590

1609

CA82Y9

7/30

9/7

94

1610

CA82Y10

7/28

9/3

89

rot-neck?

1611

CA82Y11

7/25

9/1

85

1612

CA82Y12

7/24

8/30

77

H/
T

lb/A

58.6/
73.0

5129

64.0/
72.9

5973

68.8/
76.5 Holland

4646

62.4/
72.8

5448

1613

CA82Y13

8/3

9/13

105

1614

CA82Y14

7/31

9/9

99

1615

CA82Y15

8/2

9/9

99

1616

CA82Y16

7/31

9/13

105

H/
T

16/A

0

55547

5397

67.1/
72.4

55547

5098

65.5/
72.4

55547

5206

66.2/
73.6

55547

0

5469

66.2/
72.6

1617

CA82Y17

8/2

9/9

91

1618

CA82Y18

7/31

9/9

96

1619

CA82Y19

7/31

9/9

96

1620

CA82Y20

7/29

9/1

87

1gt

$\frac{H}{T}$

16/A

5633

 $\frac{67.4}{73.1}$

5098

 $\frac{66.5}{72.0}$

4594

 $\frac{69.6}{72.6}$

4455

 $\frac{55.3}{71.8}$

1621

CA82Y21

7/29

9/1

87

L-202

1gt

1622

CA82Y22

7/29

8/30

87

1gt

1623

CA82Y23

7/26

8/30

89

Few tall roques
st. hd!

1gt

1624

CA82Y24

7/29

8/27

84

1gt

$\frac{H}{T}$

16/A

0

4589

 $\frac{53.8}{66.0}$

4712

 $\frac{58.5}{72.4}$

4718

 $\frac{53.8}{66.0}$

4291

 $\frac{58.4}{70.8}$

1625

CA82Y30

M201

7/27

8/30

76

1626

CA82Y31

S201

8/6

9/16

103

1627

CA82Y32

CAMO 202

7/31

9/9

98

1628

CA82Y33

7/31

9/9

96

$\frac{H}{7}$

16/A

5386

 $\frac{63.3}{72.4}$

5536

 $\frac{65.4}{74.1}$

5942

 $\frac{66.0}{71.8}$

5443

 $\frac{64.5}{70.8}$

1629	CA82Y34	7/30	9/9	93
------	---------	------	-----	----

1630	CA82Y35	8/1	9/9	99
------	---------	-----	-----	----

1631	CA82Y36	8/3	9/9	93
------	---------	-----	-----	----

1632	CA82Y37	8/8	9/16	103
------	---------	-----	------	-----

$\frac{4}{7}$

16/A

5680

 $\frac{64.6}{72.6}$

5747

 $\frac{64.3}{72.3}$

5597

 $\frac{65.0}{74.4}$

4409

 $\frac{65.9}{71.3}$

1633	CA82Y38	7/26	9/7	93
------	---------	------	-----	----

1634	CA82Y39	8/2	7/9	100
------	---------	-----	-----	-----

1635	CA82Y40	8/3	9/13	102
------	---------	-----	------	-----

1636	CA82Y41	8/2	9/9	89
------	---------	-----	-----	----

$$\frac{14}{7}$$

$$\frac{16}{A}$$

5530

$$\frac{63.0}{73.7}$$

6477

$$\frac{67.8}{74.4}$$

80% L

5937

$$\frac{68.8}{72.8}$$

4790

$$\frac{70.6}{73.8}$$

1637

CA82Y42

8/2

9/13

104

1638

CA82Y43

8/2

9/9

91

1639

CA82Y44

7/31

9/9

98

1640

CA82Y45

8/5

9/13

105

$\frac{H}{T}$

16/A

0

5680

 $\frac{69.9}{72.6}$

0

4630

 $\frac{69.8}{72.7}$

0

6122

 $\frac{66.8}{72.6}$

0

5376

 $\frac{68.8}{72.2}$

1641

CA82Y46

8/7

9/13

100

1642

CA82Y47

8/6

9/13

93

1643

CA82Y48

7/28

8/30

105

L201

19+

1644

CA82Y49

8/3

9/11

94

19+

$$\frac{4}{1}$$

0

5638

$$\frac{68.2}{73.8}$$

5726

$$\frac{66.1}{71.8}$$

5628

$$\frac{43.2}{67.8}$$

0

4018

$$\frac{59.2}{72.4}$$

1645

CA82Y50

8/3

9/9

103

1gt

1646

CA82Y51

7/30

9/1

95

1gt

1647

CA82Y52

8/1

9/7

90

1gt

1648

CA82Y61

8/6

9/13

106

M401

$\frac{H}{7}$

16/A

4893

 $\frac{53.6}{68.0}$

0

4707

 $\frac{58.4}{69.6}$

5057

 $\frac{56.6}{70.0}$

0

5659

 $\frac{61.8}{70.0}$

1649

CA82Y62

M302

8/6

9/13

102

1650

CA82Y63

M7

8/8

9/13

107

1651

CA82Y64

8/7

9/16

112

1652

CA82Y65

8/10

9/13

99

H/T

lb/A

4970

69.4/
73.4

O

5741

67.6/
71.9

90% L

5602

65.6/
71.2

5494

65.4/
71.0

1653

CA82Y66

8/6

9/13

105

1654

CA82Y67

8/5

9/16

110

1655

CA82Y68

8/6

9/16

110

1656

CA82Y69

8/5

9/13

112

$\frac{4}{7}$

lb/A

5592

 $\frac{70.4}{75.4}$

5479

 $\frac{64.8}{71.0}$

5052

 $\frac{67.4}{72.4}$

5741

 $\frac{66.6}{74.6}$

1657

CA82Y70

8/4

9/13

99

1658

CA82Y71

8/9

9/16

109

1659

CA82Y72

8/3

9/9

101

1660

CA82Y73

8/8

9/16

110

$\frac{H}{T}$ $\frac{16}{A}$

5685

 $\frac{69.3}{74.5}$

5042

 $\frac{69.4}{72.3}$

5566

 $\frac{60.3}{70.8}$

5474

 $\frac{67.3}{71.5}$

CA82Y74

8/7

9/16

112

CA82475

816

9/13

104

CA82476

813

9/9

101

CA82477

8/4

9/16

110

$\frac{4}{7}$ $\frac{16}{A}$

6390

 $\frac{67.0}{71.5}$

5891

 $\frac{63.0}{69.8}$

4949

 $\frac{69.0}{73.6}$

80% L

5448

 $\frac{69.3}{72.6}$

CA82478

1665

8/7

9/16

110

CA82479

1666

8/7

9/16

115

CA 82480

1667

7131

9/7

93

14

CA82481

1668

731

8/30

93

154

L = leaning but not flat!

$$\frac{4}{7}$$

16/A

80% L

6179

$$\frac{67.6}{72.0}$$

80% L

5963

$$\frac{69.6}{72.8}$$

5196

$$\frac{56.0}{71.2}$$

0

5458

$$\frac{48.2}{68.6}$$

1669

CA82Y82

8/4

9/1

97

1gt

1670

CA82Y83

7/31

8/30

89

1gt

1671

CA82Y84

8/6

9/3

104

1gt

1672

RV8003043

8/9

9/7

90

1gt

$\frac{H}{T}$

16/A

0

4069

 $\frac{49.6}{69.4}$

5284

 $\frac{51.4}{69.8}$

4162

 $\frac{32.0}{66.2}$

5237

 $\frac{52.2}{69.4}$

1673	BLMT	8/12	9/17	82
------	------	------	------	----

1674	LBLE	7/29	8/27	121
------	------	------	------	-----

1675	B7439A2-24-2-1-5-3-1	8/10	9/16	99
	81/1308			
	1982 UYN 72			

1676	B7442A1-28-4-2-3	8/8	9/16	102
	81/1351			

$\frac{H}{T}$

16/A

3971

 $\frac{60.5}{68.9}$

4589

 $\frac{59.3}{69.2}$

6323

 $\frac{67.3}{71.7}$

5824

 $\frac{62.6}{70.3}$

1677	NATO	8/9	9/13	131
------	------	-----	------	-----

1678	RU7403025	8/4	9/13	97
------	-----------	-----	------	----

1679	MARS	8/7	9/13	109
------	------	-----	------	-----

1680	BRAZ	8/8	9/16	107
------	------	-----	------	-----

$\frac{H}{T}$ $\frac{1b}{A}$

40

5284

 $\frac{68.8}{72.6}$

0

4625

 $\frac{64.7}{71.9}$

0

5628

 $\frac{62.6}{70.0}$

5494

 $\frac{65.5}{72.4}$

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

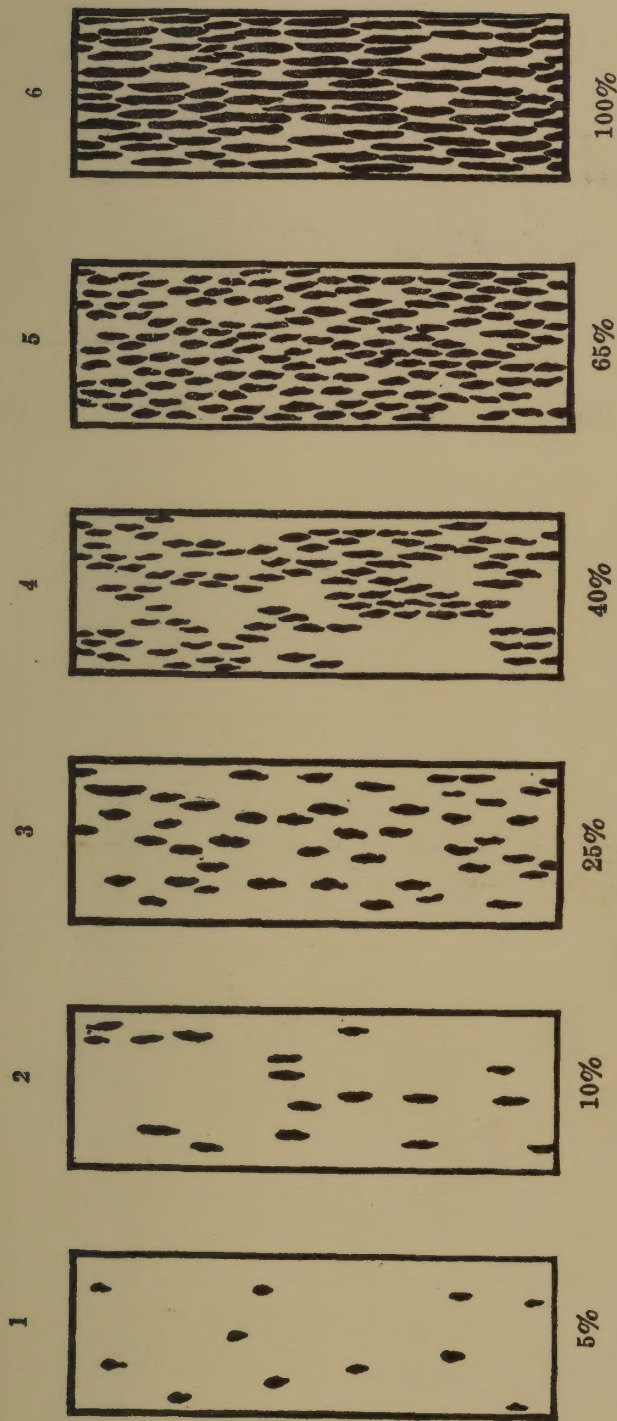
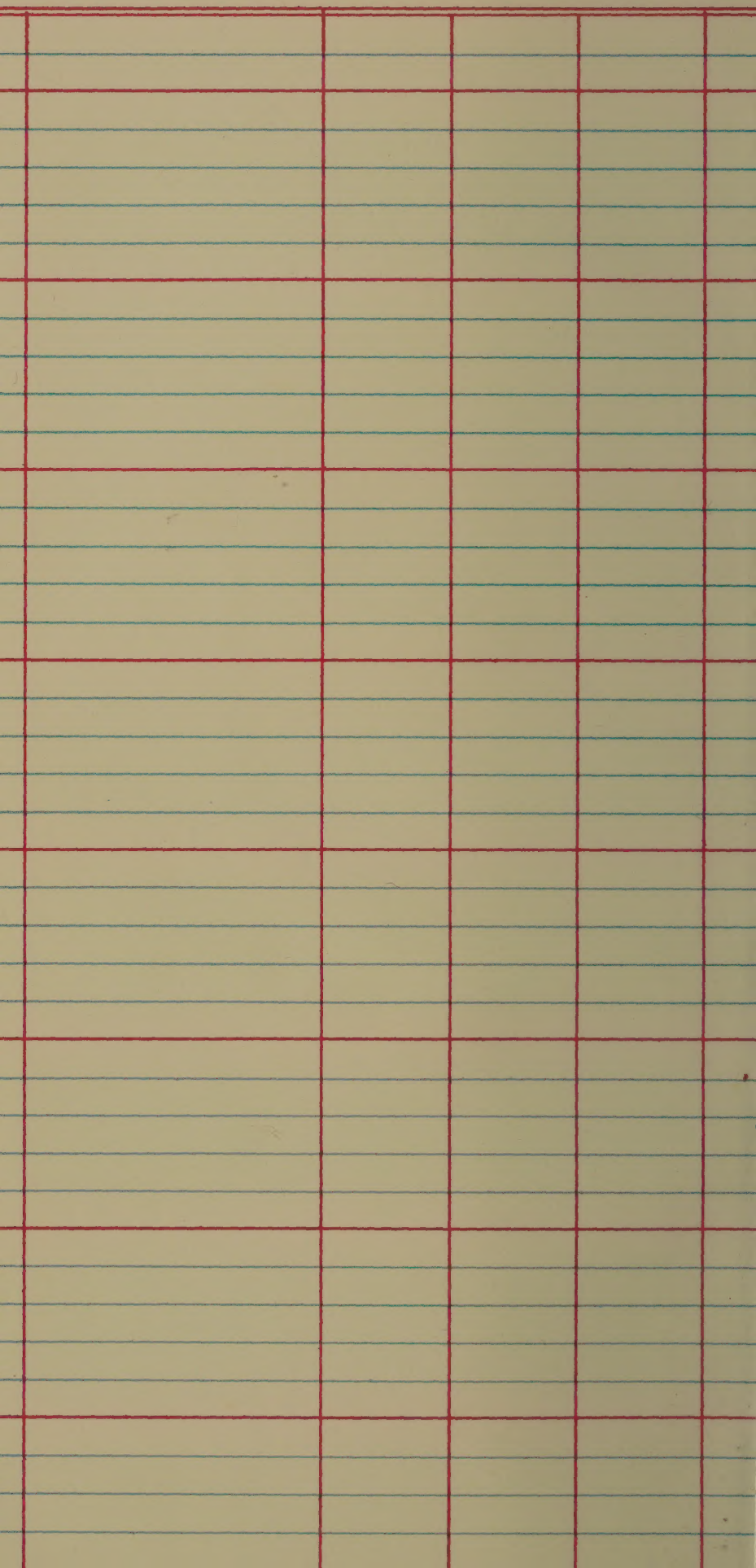
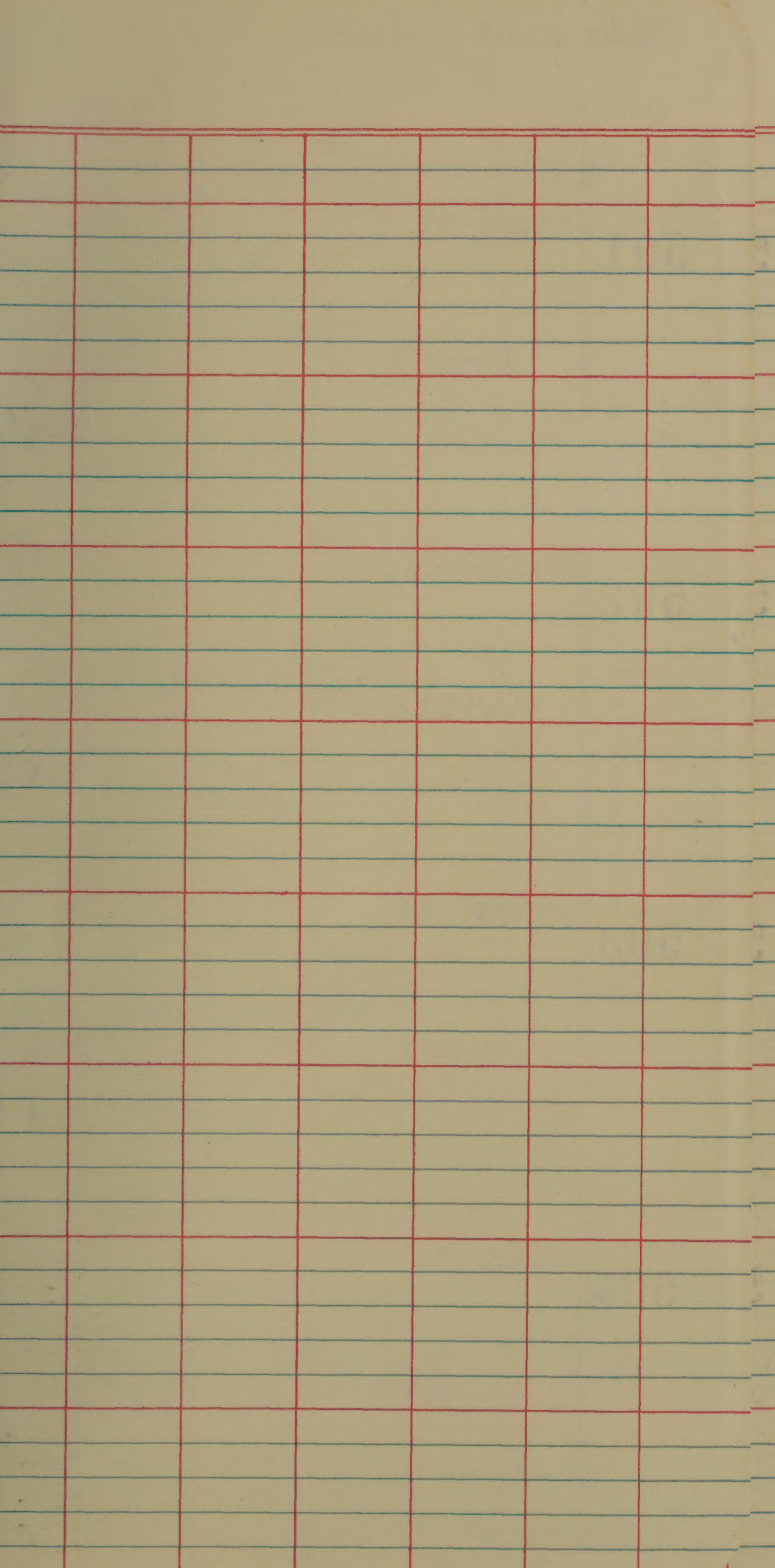


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.





Date seeded: 4/30/82

				Ht. (cm)
501	C609A-52	7/19	8/19	86
★	(6454)			
Hv'd borders 8/20	Very good	D _T rel. U _{HM}		IG-1 (1)
502	C609A-55	7/17	8/17	84
Hv'd borders 8/20	(6457)			
	Very good	D _M U _{HM}		IG-1 (1)
503	C609A-59	7/21	8/19	90
	(6461)			
	Some variability and pos. discolor	D _T		IG-1 (1)
504	C609A-75	7/16	8/17	105
Hv'd borders 8/20	(6478)			
	Slight ht. var.	N _{MS} rel. U _{HM}		IG-1 (1)

MILLING

YIELDS

$$\begin{array}{r} 90 \\ \text{HEAD} / \text{TOTAL} \end{array}$$

$$\begin{array}{r} \text{GM} / \\ \text{PLOT} \end{array}$$

LB. / R.

966

4970

$$\begin{array}{r} 65.0 \\ / \\ 70.7 \end{array}$$

982

5052

$$\begin{array}{r} 64.1 \\ / \\ 70.1 \end{array}$$

915

4707

$$\begin{array}{r} 65.4 \\ / \\ 66.5 \end{array}$$

1114

5731

$$\begin{array}{r} 54.4 \\ / \\ 68.8 \end{array}$$

505

LBNT

7/19

8/19

111

(Fd)

IG-1 (1)

506

C609A-76

7/13

8/17

84

Hv'd borders

8/20

(6479)

Dm

red. U.H.

IG-1 (3)

507

C609A-93

7/21

8/19

91

Hv'd borders

8/20

(6496)

Dm

U.H.

IG-1 (4)

508

C609A-BK-4

7/22

8/19

88

Hv'd borders

8/20

(6524)

Very good

Dm

U.H.

IG-1 (7)

H/T

GM

LB.

1042

5361

51.9/
67.1

840

4321

60.6/
68.2

1036

5330

56.4/
70.4

981

5047

543/
70.3

509

C609A-BK-5

7/25

8/23

88



(6525)

Hv'd borders

8/24

Later but very good

D_T

IG-1 (7)

510

C609A-BK-10

7/27

8/23

80

Hv'd borders

8/24

(6530)

E. 10. 11

Later

D_m

UHM

IG-1 (5)

511

LBLE

7/9

8/10

109

(Fd)

IG-1 (2)

512

C609A-BK-13

7/13

8/13

74

Hv'd borders

8/16

(6533)

Very early

D_m

rel. UHM

IG-1 (1)

$\frac{H}{T}$

GM

LB.

0

1170

6019

 $\frac{35.0}{71.2}$

1130

5813

0

 $\frac{49.6}{70.4}$

1008

5186

0

 $\frac{63.2}{70.4}$

893

4594

0

 $\frac{56.2}{67.6}$

513

C609A-BK-17

7/25

8/23

86



(6537)

Hv'd borders

8/24

Later but excellent

DT

UHM

IG-1 (5)

514

C609A-BK-19

7/27

8/23

86

Hv'd borders

8/24

(6539)

Later but very good

DT

+ UHM

IG-1 (7)

515

C609A-BK-22

7/22

8/20

84



(6542)

Hv'd borders

8/24

Later but excellent

DT

UHM

IG-1 (7)

516

C609A-BK-29

7/12

8/17

76

Hv'd borders

8/20

(6549)

Tall segs. (Roqued)

Very good

Very early

DM

IG-1 (4)

$\frac{4}{7}$

GM

LB.

1129

5808

0

 $\frac{49.7}{68.0}$

1054

5422

0

 $\frac{59.0}{68.7}$

1139

5860

0

 $\frac{62.5}{69.9}$

950

4887

0

 $\frac{60.8}{71.1}$

517

RU 7603015

7/18

8/19

106

(HR)

Looks very good

IG-1 (1)

518

C609A-BK-32

7/22

8/23

71



(6553)

Hv'd borders

8/24

Excellent

Dm

UHM

IG-1 (1)

519

C609A-BK-54

7/24

8/23

70



(6576)

Hv'd borders

8/24

Excellent

Dm

UHM

IG-1 (7)

520

C609A-BK-57

7/14

8/13

75



(6579)

Hv'd borders

8/16

Earlier; very good

Dm

Rel. UHM

IG-1 (7)

$\frac{H}{T}$

GM

LB.

1135

5839

 $\frac{63.2}{69.7}$

1150

5916

 $\frac{60.8}{70.9}$

1007

5181

 $\frac{59.6}{70.4}$

1021

5247

 $\frac{53.6}{71.0}$

521	C609A-BK-62	7/26	8/23	86
Hv'd borders 8/24	(6584)			
	Later; good	DT ml. UHM		IG-1 (7)
522	C609A-BK-71	7/16	8/19	66
Hv'd borders 8/20	(6593)			
	Tall esp. Excellent, early dwarf Regined			IG-1 (2)
523	C609A-BK-93	7/24	8/23	78
Hv'd borders 8/24	(6615)			
	Expelled plant. needs high N ⁺	VUF UHM		IG-1 (1)
524	B786A3-BK ₂ -2	7/26	8/23	89
Hv'd borders 8/24	(6818)			
	Later but very good	DT ml. UHM		IG-1 (6)

$$\frac{H}{T}$$

GM

LB

1103

5624

$$\frac{57.8}{69.6}$$

1007

5181

$$\frac{51.9}{69.3}$$

923

4748

$$\frac{55.8}{70.3}$$

957

4923

$$\frac{45.8}{69.6}$$

525	B786A3-Bk ₂ -15	7/23	8/19	111
Hv'd borders 8/20	(6831)			
	Rather leafy more sterility?	NMT UHM		IG-1 (5)
526	B786A3-Bk ₂ -33	7/24	8/23	81
Hv'd borders 8/24	(6849)			
	Very good plant Some variation	DNT		IG-1 (6)
527	B786A3-Bk ₂ -38	7/25	8/23	79
	(6855)			
	Some lit. var. Leafy!! big lvs	Dm		IG-1 (1)
528	B786A3-Bk ₂ -41	7/24	8/19	79
Hv'd borders 8/20	(6858)			
	big lvs Good plant	DNT rel. UHM		IG-1 (5)

$\frac{H}{T}$

Gn

LB.

776

3992

 $\frac{33.6}{56.8}$

979

5037

 $\frac{54.7}{69.1}$

1016

5227

 $\frac{57.7}{69.6}$

999

5139

 $\frac{50.4}{69.7}$

529	L-201	7/9	8/10	101
Hv'd borders 8/20	(Biggs)			IG-1 (9)
530	B786A3-Bk ₂ -79	7/24	8/19	77
	(6897)			
	more blight	Dm leafy		IG-1 (1)
531	B786A3-Bk ₂ -80	7/23	8/19	74
Hv'd borders 8/24	(6898)			
	Less leafy for cross Very good plant big lvs	Dms rel. V. m.		IG-1 (6)
532	B786A3-Bk ₂ -88	7/26	8/23	76
	(6906)			
	leafy; var. st	Dm		IG-1 (1)

$\frac{H}{T}$

GM

LB.

1110

5211

 $\frac{59.0}{69.9}$

883

4543

 $\frac{48.3}{66.4}$

1108

5200

 $\frac{40.8}{69.5}$

1038

5340

 $\frac{58.2}{69.6}$

533

B786A3-Bk₂-91

7/23

8/19

79

Hv'd borders

8/24

(6909)

Good plant
rel. uniform?

Dm

VUF

IG-1 (6)

534

B786A3-Bk₂-97

7/27

8/23

71

(6915)

leafy? some var.

Dm

IG-1 (6)

535

B786A3-Bk₂-102

7/24

8/23

85

Hv'd borders

8/24

(6920)

Very good but some
lt. seg.
big lfts

Dm

IG-1 (6)

536

B784A3-Bk₂-12

7/20

8/23

105

Hv'd borders

8/24

(7453)

Some slight var.
in lt.

large lfts

NMT

IG-1 (4)

$\frac{H}{T}$

GM

LB.

988

5083

0

 $\frac{47.3}{68.7}$

1-27

1026 5278

0

 $\frac{58.6}{70.4}$

1-27

1027 5284

0

 $\frac{44.0}{69.9}$

1-27

1157 5952

0

 $\frac{34.4}{69.5}$

1-27

537

B784A3-Bk₂-16

7/20

8/19

90

(7457)

much sturdier!

D_T

IG-1 (7)

538

LEAH

7/20

8/19

80

(26)

D_{MT}

IG-1 (3)

539

B784A3-Bk₂-24

7/19

8/19

88

Hv'd borders

8/24

(7465)

Variable but good
big fts

IG-1 (1)

540

B784A3-Bk₂-29

7/21

8/20

105

(7470)

Highly variable
separate! otherwise
good normal for cross!N_{MT}

IG-1 (5)

$\frac{H}{T}$

GM

LB.

739

3802

0

 $\frac{32.1}{61.6}$

1029

5294

0

 $\frac{35.2}{71.7}$

1050

5402

0

 $\frac{46.4}{69.3}$

1137

5849

0

 $\frac{32.8}{69.6}$

541

B784A3-Bk₂-45

7/18

8/19

85

(7487)

Some lt. var.

Ground

D_T

IG-1 (7)

542

B784A3-Bk₂-48

7/19

8/19

88

(7490)

Variable; poorer;
more PBD_T or Ng

IG-1 (7)

543

B784A3-Bk₂-50

7/21

8/19

88

(7492)

tall app.
RyzaceD_T

IG-1 (4)

544

B784A3-Bk₂-53

7/20

8/23

86

(7495)

Hv'd borders

8/24

OK. but some lt.
var.

nice big lysts

D_{MT}

IG-1 (1)

H/T

GM

LB

0

918

4723

31.1 / 67.2

0

697

3586

36.0 / 60.2

0

899

4625

25.6 / 66.3

0

888

4568

44.6 / 69.6

545

B784A3-Bk₂-56

7/17

8/20

85

(7498)

Variable

T_T

IG-1 (5)

546

B784A3-Bk-15

7/21

8/23

94

(7552)

Variable
Very large lysts

Ns

IG-1 (1)

547

B784A3-Bk-21

7/16

8/19

86

(7558)

Fair till segs.
Rounded
Very goodNs or D_T

IG-1 (1)

548

B784A3-Bk-35

7/17

8/19

86

(7572)

Rounded out till segs.
Good; larger lystsNs or D_T

IG-1 (1)

Hv'd borders
8/24Hv'd borders
8/24

$\frac{14}{7}$

GM

LB.

851

4378

 $\frac{48.2}{64.8}$

791

4069

 $\frac{27.2}{68.5}$

1138

5855

 $\frac{37.7}{69.0}$

1010

5196

 $\frac{47.1}{69.4}$

549

B784A3-Bk-41

7/18

8/19

78

Hv'd borders

8/24

(7579)

Rounded out tall again
Gen. goodD_T
rel. UHM

IG-1 (1)

550

C615A-Bk-9

7/22

8/19

76

Hv'd borders

8/20

(8009)

Euphorbia

D_M
rel. UHM

IG-1 (4)

551

RU8003043

7/20

8/19

78

(HR)

IG-1 (1)

552

C615A-Bk-17

7/19

8/19

70

Hv'd borders

8/20

(8017)

Good

D_M
UHM

IG-1 (4)

$\frac{H}{T}$

GM

LB

997

5129

0

 $\frac{32.0}{70.5}$

1122

5772

0

 $\frac{53.5}{70.4}$

1257

6467

0

 $\frac{64.1}{71.0}$

913

4697

0

 $\frac{36.6}{69.6}$

553	C615A-BK-27	7/22	8/20	86
Hv'd borders 8/24	(8028)			
	Slight lt. var. Very good	DT		IG-1 (1)
554	C615A-BK-43	7/23	8/19	97
Hv'd borders 8/20	(8044)			
	Very good normal	UHM N		IG-1 (6)
555	C615A-BK-53	7/16	8/17	95
Hv'd borders 8/20	(8055)			
☆	Very good		Ns UHM	IG-1 (6)
556	C615A-BK-57	7/17	8/19	79
Hv'd borders 8/20	(8059)			
		DM		IG-1 (1,4)

$\frac{H}{T}$

GM.

LB.

1106 5690

 $\frac{61.9}{69.5}$

1089 5602

 $\frac{62.6}{70.6}$

1096 5638

 $\frac{55.9}{68.8}$

919 4728

 $\frac{52.1}{65.6}$

557	C615A-BK-61	7/25	8/19	75
Hv'd borders 8/20	(8063)			
	Some blight Very good plant	Dm UHM		IG-1 (7)
558	C615A-BK-65	7/28	8/23	76
Hv'd borders 8/24	(8067)			
	Good	Dm		IG-1 (2)
559	C615A-BK-69	7/16	8/19	80
Hv'd borders 8/24	(8071)			
	Few tall segs. Very good	Dm		IG-1 (7)
560	NWRX	7/19	8/19	100
	(Fd)			
				IG-1 (2)

$\frac{4}{7}$

GM

LB.

1024

5268

0

 $\frac{58.5}{69.5}$

946

4867

0

 $\frac{40.1}{69.6}$

1008

5186

0

 $\frac{32.8}{71.1}$

1050

5402

0

 $\frac{51.1}{66.8}$

561

C615A-BK-72

7/21

8/19

79

Hv'd borders

8/20

(8074)

Very good

Dmt
UHM

IG-1 (1)

562

C615A-BK-76

7/23

8/19

80

Hv'd borders

8/20

(8078)

Excellent

Dmt
rel. UHM

IG-1 (3)

563

C615A-BK-80

7/24

8/19

65

Hv'd borders

8/20

(8082)

Excellent
Needs more N.Ds
rel. UHM

IG-1 (7)

564

C615A-13

7/17

8/19

74

Hv'd borders

8/24

(8107)

More N.
Some variationDm
Rel. UHM

IG-1 (4)

$\frac{H}{T}$

GM

LB.

1007

5181

0

 $\frac{58.4}{71.3}$

1168

6009

0

 $\frac{60.7}{69.6}$

1001

5150

0

 $\frac{63.2}{71.6}$

912

4692

0

 $\frac{47.8}{68.7}$

565	C615A-39	7/23	8/19	75
Hv'd borders 8/20	(8134)			
	Good	Dm rel. VHA		IG-1 (5)
566	C615A-51	7/15	8/19	75
Hv'd borders 8/20	(8146)			
	Excellent early Aug	Dms rel. VHA		IG-1 (7)
567	C615A-90	7/21	8/19	80
Hv'd borders 8/24	(8187)			
	Moderate variability but very good. Replaces.	D+		IG-1 (4)
568	C622A-BK-17	7/16	8/19	98
Hv'd borders 8/24	(6086)			
	Very good	Ns rel. VHA		IG-1 (1)

$\frac{H}{T}$

GM

LB

932

4795

 $\frac{53.1}{69.1}$

1043

5366

 $\frac{54.4}{70.5}$

989

5088

 $\frac{62.2}{70.4}$

1176

6050

 $\frac{53.4}{66.9}$

569	C622A-Bk-19	7/20	8/19	92	
Hv'd borders 8/24	(6088)				
	Very good leafy? more slight?	D _T UHM		IG-1 (3)	
570	C622A-Bk-49	7/13	8/13	94	
Hv'd borders 8/24	(6118)				
	Very good normal	N _m UHM		IG-1 (2)	
571	C622A-Bk-58	7/17	8/19	93	
Hv'd borders 8/24	(6128)				
	Looks very good!	D _T ?		IG-1 (2)	
		UHM			
572	BLMT	7/19	8/19	74	
	(Fd)				
	Looks good overall.			IG-1 (5)	

$\frac{H}{T}$

GM

LB.

932

4795

0

 $\frac{51.4}{104.6}$

918

4723

0

 $\frac{53.6}{165.1}$

1077

5541

0

 $\frac{55.2}{165.4}$

938

4826

0

 $\frac{60.0}{169.6}$

573

C622A-Bk-60

7/16

8/19

100

Hv'd borders

8/24

(6130)

Gen. good for novel

N's
rel. UHM

IG-1 (3)

574

C622A-Bk-82

7/15

8/19

102

Hv'd borders

8/24

(6152)

Good

N's
rel. UHM

IG-1 (1)

575

C622A-Bk-88

7/16

8/19

76

(6158)

more blight

Don

IG-1 (6)

576

C612A-Bk-4

7/21

8/19

90

Hv'd borders

8/24

(8619)

Good; rest

N's
UHM

IG-1 (3)

H/
7

GM

LB.

1068

5494

0

52.6/
166.3

1071

5510

0

55.5/
169.5

979

5037

0

46.4/
105.3

999

5139

0

54.4/
70.1

577

C612A-Bk-22

7/17

8/19

75

Hv'd borders

8/24

(8637)

Good

Dm

rel. UHM

IG-1 (7)

578

C612A-Bk-24

7/21

8/19

90

Hv'd borders

8/24

(8639)

nest

Ns

UHM

IG-1 (2)

579

RU8003005

7/10

8/13

90

(5)

IG-1 (2)

580

C612A-Bk-27

7/11

8/13

70

Hv'd borders

8/16

(8642)

Very early!

Ds

rel. UHM

IG-1 (6)

$\frac{H}{T}$

GM

LB

1062

5464

0

 $\frac{59.4}{69.1}$

969

4985

0

 $\frac{51.8}{70.0}$

1053

5417

0

 $\frac{64.6}{69.8}$

1026

5278

0

 $\frac{60.0}{71.0}$

581

C612A-Bk-33

7/12

8/13

67

Hv'd borders
8/16

(8648)

Very early!

Ds

UHM

IG-1 (6)

582

C612A-Bk-68

7/12

8/13

67

(8734)

Hv'd borders
8/16

Very early

Ds

IG-1 (8)

583

C612A-Bk-73

7/13

8/13

69

Hv'd borders
8/16

(8739)

Very good
Very early

Ds

UHM

IG-1 (7)

584

C611A-Bk-12

7/17

8/17

84

Hv'd borders
8/24

(6280)

Very good

Ds

UHM

IG-1 (8)

$\frac{H}{T}$

GM LB.

984 5062

0

 $\frac{61.4}{71.2}$

922 4743

0

 $\frac{57.0}{70.0}$

1013 5211

0

 $\frac{60.2}{69.5}$

991 5098

0

 $\frac{62.4}{69.7}$

585

C611A-BK-30

7/13

8/13

79



(6298)

Hv'd borders

8/16

Very early

Dwf_n

UHM

IG-1 (7)

586

RU7901045

7/25

8/26

103

(45)

IG-1 (3)

587

B7810A1-BK-131

7/19

8/19

66

Hv'd borders

8/24

(7225)

Very good

Ds

UHM

IG-1 (5)

588

B7810A1-BK-132

7/22

8/23

86

(7226)

Variable maturity!!
+ ht! Replace

IG-1 (6)

$\frac{H}{T}$

GM

LB.

1111

5716

0

 $\frac{60.2}{66.4}$

1076

5536

0

 $\frac{54.6}{68.0}$

859

4419

0

 $\frac{33.8}{68.8}$

899

4625

0

 $\frac{45.4}{65.5}$

Date seeded: 4/30/82

589	C610A-BK-1	7/17	8/19	82	
Hv'd borders 8/25	(8217)				
	Excellent	UHM DNT		IG-1 (4)	
590	C610A-BK-3	7/20	8/19	74	
Hv'd borders 8/25	(8219)				
				IG-1 (4)	
591	C610A-BK-5	7/17	8/19	74	
Hv'd borders 8/25	(8221)				
				IG-1 (1)	
592	C610A-BK-7	7/19	8/19	81	
Hv'd borders 8/25	(8223)				
				IG-1 (4)	

$\frac{H}{T}$

GM

CB

1035

5325

0

 $\frac{61.4}{70.2}$

893

4594

0

 $\frac{62.6}{68.7}$

1058

5443

0

 $\frac{62.9}{70.4}$

1025

5273

0

 $\frac{60.9}{68.9}$

593

LEAH

7/21

8/19

86

(26)

IG-1 (2)

594

C610A-BK-11

7/15

8/19

103

Hv'd borders

8/25

(8227)

Very good

N

IG-1 (1)

UHM

595

C610A-BK-12

7/17

8/19

77

Hv'd borders

8/25

(8228)

Excellent

Dm

IG-1 (3)

UHM

596

C610A-BK-16

7/19

8/19

82



(8232)

Hv'd borders

8/25

Excellent

DT

IG-1 (5)

UHM

H/
7

G19

LB

1144

5885

49.8/
71.2

1084

5577

58.0/
69.6

1027

5284

57.8/
69.4

1116

5741

62.7/
69.2

597	C610A-BK-22	7/20	8/19	79
Hv'd borders 8/25	(8238)			
	Excellent	Dt UHM		IG-1 (1)
598	C610A-BK-32	7/16	8/17	83
Hv'd borders 8/25	(8248)			
	Earlier Excellent	Dt UHM		IG-1 (4)
599	RU8003043	7/21	8/19	85
	(HR)			
	Looks very good overall			IG-1 (1)
600	C610A-BK-33	7/19	8/19	80
Hv'd borders 8/25	(8249)			
	Excellent	Dm		IG-1 (1)

$$\frac{H}{T}$$

GM

LB.

1187

6107

$$65.3 / 71.0$$

914

4702

$$58.2 / 68.0$$

1352

6955

$$61.8 / 69.8$$

1128

5803

$$61.6 / 69.8$$

601

C610A-Bk-37

7/19

8/19

84

Hv'd borders

8/25

(8254)

E. pullat

D_TU_{mm}

IG-1 (1)

602

C610A-Bk-42

7/17

8/19

77

Hv'd borders

8/25

(8259)

IG-1 (4)

603

C610A-Bk-46

7/20

8/19

81



(8263)

Hv'd borders

8/25

E. pullat

D_TU_{mm}

IG-1 (5)

604

C610A-Bk-47

7/20

8/19

79

Hv'd borders

8/25

(8264)

E. pullat

D_TU_{mm}

IG-1 (5)

$\frac{H}{T}$

Gm

LB

1139

5860

 $\frac{61.0}{169.6}$

1090

5608

 $\frac{57.6}{67.4}$

1083

5572

 $\frac{60.8}{70.5}$

1028

5289

 $\frac{58.5}{67.1}$

605

BLMT

7/19

8/19

75

(Fd)

Looks very good!

IG-1 (6)

606

C610A-BK-50

7/20

8/19

78

Hv'd borders
8/25

(8267)

IG-1 (5)

607

C610A-BK-55

7/20

8/19

78

Hv'd borders
8/25

(8272)

IG-1 (5)

608

C610A-BK-61

7/19

8/19

79

Hv'd borders
8/25

(8279)

*Excellent**UHM
DNT*

IG-1 (5)

$\frac{H}{T}$

GM

LB.

1144

5885

 $\frac{61.1}{69.2}$

1142

5875

 $\frac{62.6}{69.8}$

1147

5901

 $\frac{62.8}{70.5}$

1167

6004

 $\frac{63.7}{71.2}$

609

C610A-Bk-64

7/17

8/17

80

Hv'd borders

8/25

(8282)

Excellent

DNT

VHM

IG-1 (5)

610

C610A-Bk-68

7/20

8/19

80

Hv'd borders

8/25

(8286)

Excellent

DNT

VHM

IG-1 (4)

611

C610A-Bk-73

7/19

8/19

76



(8291)

Hv'd borders

8/25

WTM

IG-1 (1,5)

612

C610A-Bk-78

7/22

8/19

80

Hv'd borders

8/25

(8296)

DT

IG-1 (5)

$\frac{H}{T}$

GM

LB.

1106

5690

0

 $\frac{64.5}{70.1}$

1227

6312

0

 $\frac{62.2}{70.2}$

1138

5854

0

 $\frac{64.8}{70.8}$

1091

5613

0

 $\frac{61.7}{71.0}$

613

CG10A-BK-80

7/19

8/19

77

Hv'd borders
8/25

(8298)

IG-1 (5)

614

CG10A-39

7/17

8/19

79

Hv'd borders
8/25

(8352)



Epoxy

UHM
Dm

IG-1 (4)

615

CG10A-119

7/19

8/19

72

Hv'd borders
8/25

(8432)

IG-1 (4)

616

LBNT

7/19

8/19

110

(Fd)

IG-1 (2)

H/
T

GM

LB.

1138 5855

63.3/
70.2

1183 6086

63.9/
70.4

1081 5561

63.8/
70.9

1192 6132

58.8/
69.5

617

C623A-Bk-5

7/16

8/13

96

Hv'd borders

8/16

(8453)

Very early

Ns?

red. Umm

IG-1 (2)

618

C623A-Bk-10

7/12

8/13

88

Hv'd borders

8/16

(8458)

Very early

Dt

red. Umm

IG-1 (4)

619

C623A-Bk-11

7/18

8/19

82

(8459)

Very good but more
red. Rt.

Dmt

IG-1 (1)

620

C623A-Bk-14

7/14

8/13

97

Hv'd borders

8/16

(8462)

Very early

Nm

Umm

IG-1 (5)

$\frac{H}{T}$

GM

LB.

1125

5788

 $\frac{54.8}{67.4}$

1061

5458

 $\frac{59.8}{68.0}$

1094

5628

 $\frac{61.2}{68.8}$

997

5129

 $\frac{56.0}{68.8}$

621	C623A-BK-19	7/15	8/17	90
Hv'd borders 8/25	(8467)			
	Excellent	UHM Ns?		IG-1 (1)
622	C623A-BK-23	7/15	8/17	98
Hv'd borders 8/25	(8471)			
	Very good	Ns UHM		IG-1 (1)
623	C623A-BK-38	7/10	8/13	95
Hv'd borders 8/16	(8487)			
	Very early; Good	Ns UHM		IG-1 (1)
624	C623A-BK-39	7/13	8/17	98
★	(8488)			
Hv'd borders 8/25	Very early Excellent	Ns UHM		IG-1 (7)

$\frac{H}{T}$

GM

LB

1005

5170

 $\frac{52.0}{68.2}$

1085

5582

 $\frac{47.0}{67.4}$

1115

5736

 $\frac{50.2}{66.7}$

1079

5551

 $\frac{49.5}{68.9}$

625	C623A-Bk-45	7/17	8/17	109
Hv'd borders 8/25	(8494)	Nm UHM		IG-1 (6)
626	LIBLE	7/10	8/13	115
	(Fd)			IG-1 (1)
627	C623A-16	7/12	8/17	108
Hv'd borders 8/25	(8524)			
	Very good; very early	Nm UHM		IG-1 (1)
628	C623A-22	7/13	8/17	107
Hv'd borders 8/25	(8530)			
	Very good	Nm UHM		IG-1 (4)

$\frac{H}{T}$

67

LSS.

1094

5628

 $\frac{53.6}{67.7}$

1097

5644

 $\frac{56.8}{68.9}$

1142

5875

 $\frac{55.2}{69.4}$

1085

5582

 $\frac{48.8}{68.0}$

629	C623A-36	7/11	8/17	102
Hv'd borders 8/25	(8544)			
	more bend out Very good Very early	N _M rel. UHM		IG-1 (4)
630	C623A-41	7/16	8/17	97
	(8549)			
Hv'd borders 8/25	Excellent	N _S UHM		IG-1 (1,5)
631	C623A-70	7/12	8/13	92
Hv'd borders 8/16	(8578)			
	Very early	N _S rel. UHM		IG-1 (1,4)
632	C623A-74	7/16	8/19	95
+	(8582)			
Hv'd borders 8/25	Excellent; slight lat. var?	N _S UHM		IG-1 (1,4)

$\frac{H}{T}$

GM

LB.

1163

5983

 $\frac{525}{70.4}$

1143

5880

 $\frac{61.4}{70.3}$

1158

5957

 $\frac{58.2}{69.9}$

1163

5983

 $\frac{59.2}{71.0}$

633

C623A-78

7/12

8/17

94

Hv'd borders

8/25

(8586)

Slight lit. var?
Very early

Nm

IG-1 (6)

634

C623A-82

7/13

8/17

99

Hv'd borders

8/25

(8590)

Very early
Very goodNm
sol. 6 mm

IG-1 (1,5)

635

B7725A1-Bk-7

7/20

8/23

76

Hv'd borders

8/25

(13837)

Very good

Dm
UHM

IG-1 (7)

636

B7725A1-Bk-19

7/17

8/20

83

Hv'd borders

8/25

(13849)

Gen. very good

Dm
UHM

IG-1 (1)

$\frac{H}{T}$ G₁₇L_B

1026

5278

 $\frac{56.5}{70.7}$

1019

5242

 $\frac{59.3}{70.5}$

1092

5618

 $\frac{47.3}{71.4}$

1190

6122

 $\frac{60.8}{71.2}$

637

B7725A1-BK-22

7/20

8/23

76

Hv'd borders

8/25

(13853)

gold
Dm
UHM

IG-1 (1,5)

638

B7725A1-BK-30

7/26

8/26

76

Hv'd borders

8/27

(13861)

Excellent plant!
needs more N!gold
DNT
UHM

IG-1 (1,5)

639

B7725A1-BK-37

7/29

8/26

82

Hv'd borders

8/27

(13868)

Excellent plant!
more N!VUF
gold
DT
UHM

IG-1 (7)

640

B7725A1-BK-52

7/27

8/26

89

(13883)

gold
DT
UHM

IG-1 (1)

Hv'd borders

8/27

Good but more leafy

$\frac{H}{T}$

GM

LB

1100

5659

 $\frac{58.4}{70.5}$

1034

5320

 $\frac{41.3}{72.2}$

1007

5181

 $\frac{53.4}{69.6}$

1089

5602

 $\frac{54.3}{69.5}$

641

B7725A1-70

7/19

8/20

72

Hv'd borders

8/25

(13962)

Dm

UHM

IG-1 (1,4)

642

BBLE

7/20

8/19

110

()

IG-1 (5)

643

C642A-4

7/17

8/17

88

(13726)

Tall segs.

D₁ or N₅

IG-1 (1)

644

C642A-6

7/13

8/13

82

Hv'd borders

8/16

(13728)

Very early

Dm
ad. UHM

IG-1 (1)

$\frac{H}{T}$

GM

LB

1057

5438

0

 $\frac{62.5}{72.0}$

948

4877

0

 $\frac{54.4}{69.6}$

1157 5952

0.

 $\frac{51.6}{68.7}$

1011

5201

0

 $\frac{59.6}{69.1}$

645

C642A-11

7/15

8/17

79

Hv'd borders

8/25

(13733)

Very good

DMT
rel. U₁₁₂

IG-1 (1)

646

C642A-12

7/15

8/13

82

Hv'd borders

8/16

(13734)

Rel. uniform and a
few taller segs (sagred)
Very good

DMT

IG-1 (1,4)

647

C642A-15

7/15

8/17

86

Hv'd borders

8/25

(13737)

Few slightly taller
segs; gen. very good

DT

IG-1 (1,4)

648

C642A-21

7/14

8/13

85

Hv'd borders

8/16

(13743)

Very good
EarlierDT
U₁₁₂

IG-1 (1)

H/
T

GM

LB.

1113

5726

0

58.6/
70.3

1089

5602

0

58.2/
70.2

1130

5813

0

51.1/
69.0

1172

6029

0

59.0/
69.7

1-01

649

C642A-29

7/17

8/17

91



(13751)

Hv'd borders
8/25

Excellent

D_T
V_{HM}

IG-1 (1,4)

650

RU7901045

7/24

8/19

106

(45)

IG-1 (3)

651

B774A1-6-3-3-Bk

7/18

8/19

69

Hv'd borders
8/25

(3834-36)

Excellent
Needs more N!D_m
V_{HM}

IG-1 (1)

27.4

652

B774A1-Bk-8-5
-Bk

7/18

8/19

84

Hv'd borders
8/25

(3874-76)



Excellent

V_{HM}
D_m

IG-1 (1,4)

$\frac{H}{T}$

GM

LB.

1178

6060

 $\frac{62.2}{70.6}$

1026 5278

 $\frac{62.7}{71.3}$

1077 5540

 $\frac{62.6}{70.1}$

1245 6405

 $\frac{60.8}{71.3}$

653

B774A1-Bk-8-5
-3-Bk

7/19

8/19

84

(5218-19)

Hv'd borders
8/25One of best of this
cross!Dmt
UHM

IG-1 (3)

21.6

654

B774A1-Bk-17-4
-2

7/20

8/19

80

Hv'd borders
8/25

(3880)

Very good!

Dm
UHM

IG-1 (7)

20.8

655

B774A1-Bk-26-3
-1-3

7/13

8/13

82

Hv'd borders
8/25

(3891)

Very early
Needs more N!
Very good plant.UHM
Dmt

IG-1 (1)

26.8

656

B774A1-Bk-72-1
-5

7/21

8/19

78

Hv'd borders
8/25

(3908)

Orange leaves like boot

Dms

IG-1 (2)

22.1

$\frac{H}{T}$

GM

LB.

1235

6354

 $\frac{56.4}{71.2}$

1214

6246

 $\frac{62.9}{70.5}$

1006

5175

 $\frac{53.6}{67.0}$

1092

5618

 $\frac{52.2}{72.0}$

657

B774A1-BK-105
-2-BK

7/11

8/13

70

(3931-33)

*Very early; more leaf
spot diseases*Ds
VHM

IG-1 (5)

27.3

658

NWRX

7/21

8/19

107

(Fd)

IG-1 (3)

659

B774A1-BK-107-5
-2

7/14

8/13

76

(3952)

*more blight or
steak!*Dm
VHM

IG-1 (1)

22.5

660

B774A1-BK-111-5
-BK

7/19

8/17

76

1 Hv'd borders
8/25

(3961-63)

Good

Dm
VHM

IG-1 (5)

19.9

$\frac{14}{7}$

GM

LB.

938

4826

 $\frac{61.8}{70.4}$

1013

5211

 $\frac{53.7}{68.1}$

772

3972

 $\frac{53.4}{67.1}$

849

4368

 $\frac{48.2}{66.8}$

661

B774A1-BK-153

-2-1-3-BK

7/19

8/17

74

Hv'd borders

8/25

(5264-66)

Dms

UHM

IG-1 (1)

22.8

662

B774A1-BK-153-2

-4-2

7/19

8/17

74

Hv'd borders

8/25

(4013)

Excellent

Dms

UHM

IG-1 (1)

21.5

663

B774A1-BK-199-2

-2-BK

7/19

8/19

76

Hv'd borders

8/25

(5231-34)

Excellent

Dms

UHM

IG-1 (4)

21.6

664

B774A2-27-2-3

-5

7/22

8/19

69



(4079)

Hv'd borders

8/25

more N?

Excellent!

Beautiful plot type

Ds

UHM

IG-1 (6)

27.1

H/
T

GM

LB.

1068

5494

57.1/
70.4

997

5129

51.6/
69.6

1155

5942

56.1/
71.5

1106

5690

60.0/
70.4

665

B774A2-BK-70-5

-3

7/22

8/19

78

Hv'd borders
8/25

(4097)

Later but excellent
plant!

DM

UHM

IG-1 (4)

26.9

666

B774A2-BK-134

-BK2-1

7/16

8/17

101

(4167)

Fair

N

rel. UHM

IG-1 (5)

22.2

667

RU7603015

7/19

8/19

107

(HR)

IG-1 (1)

668

B774A2-BK-156

-3-4

7/21

8/19

83

Hv'd borders
8/25

(4191)

Later
Very goodDMT
UHM

IG-1 (4)

26.7

$\frac{H}{T}$

G17

LB.

1174

6040

0

 $\frac{58.4}{69.6}$

1017

5232

0

 $\frac{57.2}{68.8}$

1087

5592

0

 $\frac{65.0}{71.4}$

1256

6462

0

 $\frac{59.2}{69.8}$

669

B774A2-BK-208

-3-4

7/20

8/19

85

Hv'd borders
8/25

(4263)

Good but more HO?

Dm

UHM

IG-1 (4)

28.1

670

B774A2-BK-218

-2-2-1-1

7/21

8/19

76

(5292)

Highly variable!

(Rogued)

Pioneer stand

IG-1 (4)

28.6

671

B774A2-BK-218

-3-2-5

7/22

8/19

79

Hv'd borders
8/25

(4331)

Good plant

Dm

UHM

IG-1 (4)

27.6

672

DAWN

7/26

8/26

123

IG-1 (3)

$\frac{4}{7}$

GN

LB.

1047

5386

 $\frac{51.5}{71.9}$

904

4651

 $\frac{64.0}{71.9}$

1089

5602

 $\frac{61.6}{71.9}$

1014

5217

 $\frac{55.0}{69.2}$

673

B774A2-Bk-218

-3-3-3-3

7/21

8/19

83

(5328)

Many tall rogues

Dm

IG-1 (4)

29.0

674

B774A2-Bk₂-3-1

-1-1-Bk

7/22

8/19

74

Hv'd borders

8/25

(5333-34)

Later but very good

Dm

Umm

IG-1 (4)

27.6

675

B774A2-Bk₂-3-2-1

-Bk

7/13

8/17

80



(4401-05)

Hv'd borders

8/25

much earlier maturity!

Dm

Umm

IG-1 (4)

Very good

21.9

676

B774A2-Bk₂-3-3-Bk₂

7/20

8/19

81

Hv'd borders

8/25

(4419-20)

Very good

Dm

Umm

IG-1 (5)

25.3

$\frac{H}{T}$

GM

LB.

1022

5258

 $\frac{64.6}{72.8}$

1007

5181

 $\frac{61.6}{70.3}$

1174

6040

 $\frac{52.8}{720}$

1175

6045

 $\frac{63.2}{71.7}$

Date seeded: 5/11/82

677

B774A2-Bk₂-13-1
-Bk₂

8/6

8/27

98

(4468-70)

Thin stand; slight
ht. var.

D_T

IG-1 (5)

24.2

678

B774A2-Bk₂-22-1-1
-Bk

8/10

9/6

90

Hv'd borders
9/10

(4511-12)

Excellent
Needs high N!

N_S
UHM

IG-1 (5)

28.6

679

B774A2-Bk₂-28-1
-3

8/7

9/2

89

Hv'd borders
9/10

(4537)

very good

D_T

IG-1 (4)

rel. UHM

22.6

680

B774A2-Bk₂-30-Bk
-1-Bk

7/28

8/30

85

(4547-48)

Poor stand; variable?

D_{MT}

IG-1 (6)

23.6

$\frac{H}{T}$

GM

LB

801

4121

 $\frac{58.5}{71.1}$

646

3323

 $\frac{54.4}{68.5}$

582

2994

 $\frac{43.3}{68.0}$

558

2871

 $\frac{43.2}{71.4}$

681

L-201

7/25

8/27

101

(Biggs)

much dipility

IG-1 (8)

682

BT74A2-Bk₂-33-2

-1-Bk

8/11

9/6

88

(4579-80)

later, poor grade!
more N?Dt
nd. UHM

IG-1 (4)

28.1

683

BT74A2-Bk₂-45-Bk

-2-Bk-3

8/8

9/6

80

Hv'd borders
9/10

(5348)

Excellent

Dnt
UHM

IG-1 (4)

26.6

684

BT74A2-Bk₂-45-Bk

-2-Bk-4

8/3

9/11

71

Hv'd borders
9/10

(5349)

Excellent

Ds
UHM

IG-1 (4)

22.1

#/
7

GM

LB.

891

4584

0

44.8/
69.9

556

2860

49.8/
67.3

700

3601

58.7/
70.3

772

3972

63.2/
71.8

685

BT14A2-Bk₂-53-Bk
-2-5

7/31

8/30

85

Hv'd borders

8/31

(4647)

Early; gen. very good
but few tall off-types
Rayed!D_T

IG-1 (4)

20.6

686

BT14A2-Bk₂-65-2
-4

8/11

9/1

82

Hv'd borders

9/10

(4672)

Good

D_T

IG-1 (4)

U_{HM}

26.8

687

NWRX

8/5

9/3

106

(Fd)

IG-1 (2)

688

BT14A2-Bk₂-65-5
-3

7/30

9/3

83

(4692)

Some variability

D_T

IG-1 (4)

28.0

$\frac{H}{T}$

GM

LB

902

4640

 $\frac{59.6}{72.1}$

747

3843

 $\frac{55.3}{71.2}$

844

4342

 $\frac{55.4}{68.3}$

767

3946

 $\frac{54.9}{71.1}$

689

BT74A2-Bk₂-86-2-3

-Bk

7/31

8/30

73

Hv'd border

8/31

(4720-24)

Very good

Ds

UHM

IG-1 (4)

21.9

690

BT74A2-Bk₂-105-1

-Bk

8/1

8/30

77

Hv'd border

8/31

(4746-48)

Very good

Ds

UHM

IG-1 (4)

22.6

691

BT74A2-Bk₂-121-2

-1

8/4

9/2

81

(4767)

Quite mottled;
replace.

IG-1 (4)

22.7

692

BT74A2-Bk₂-133-Bk

-4-Bk

8/1

8/30

102

Hv'd border

8/31

(4793-95)

Good

N MT

UHM

IG-1 (4)

26.6

$\frac{H}{T}$

GM

LB

744

3828

 $\frac{58.7}{72.0}$

839

4316

 $\frac{61.0}{69.8}$

761

3915

 $\frac{60.5}{71.6}$

878

4517

 $\frac{58.4}{69.4}$

693

RU7901045

8/7

9/6

112

(45)

IG-1 (1)

694

B774A2-Bk₂-149-3
-1-BK

8/7

9/2

79

Hv'd borders
9/10

(4844-48)

Very good

Dm
rel. U₁₀₀₀

IG-1 (3)

Eagle label = 6681

27.4

695

B774A2-Bk₂-149-4
-BK

8/5

9/2

81

Hv'd borders
9/10

(4850-54)

Good

Dm
rel. U₁₀₀₀

IG-1 (3)

27.7

696

B774A2-Bk₂-150
-3-BK

8/2

9/2

84

Hv'd borders
9/10

(4857-59)

Good

Dm
rel. U₁₀₀₀

IG-1 (4)

26.3

$\frac{H}{T}$

GM

LB.

855

4399

 $\frac{58.8}{71.1}$

743

3822

 $\frac{52.1}{69.6}$

774

3982

 $\frac{52.9}{69.6}$

745

3833

 $\frac{57.0}{70.4}$

697

BT74A2-Bk₂-154-2
-Bk-2

7/29

8/30

80

Hv'd border

8/31

(4871)

Early dump

rel. UHM

IG-1 (3)

25.7

698

BT74A2-Bk₂-171-3
-4

8/11

9/1

77

(4884)

Some variation!
more PB?

DM

IG-1 (1)

25.7

699

BT74A2-Bk₂-197-Bk
-3-1-1

8/4

9/1

85

(5374)

Highly variable
regions

8/3

IG-1 (1)

22.2

700

BT74A2-Bk₂-197-Bk
-4-Bk

8/9

9/2

82

Hv'd borders

9/10

(5384-86)

Excellent but needs
more W!Dmt
UHM

IG-1 (1)

29.1

$\frac{H}{T}$

G17

LB

759

3905

 $\frac{54.4}{71.9}$

631

3246

 $\frac{53.2}{69.6}$

643

3308

 $\frac{57.9}{71.3}$

718

3694

 $\frac{61.5}{71.0}$

701

B767A1-16-3-1

8/2

8/30

79

Hv'd borders
9/1

(8873)

Early; good; fine
tall seg. (regional)

Dm

IG-1 (2)

239

702

B767A1-51-2-Bk

7/30

8/27

75

Hv'd borders
9/10

(8894-96)

Very early; very good;
needs more N!
Some lt. var?Dms
ml. UHm

IG-1 (1)

23.8

703

B767A1-80-3-Bk

8/8

9/2

83

(8909-11)

Variable; up here!

IG-1 (4)

27.5

704

RV8003043

8/10

9/6

84

(HR)

Pooter plot; small
provide;Dm
UHm

IG-1 (1)

$\frac{H}{T}$

G19

LB

925

4759

 $\frac{61.3}{70.4}$

723

3720

 $\frac{64.4}{70.3}$

712

3663

 $\frac{53.3}{68.1}$

804

4136

 $\frac{57.6}{71.2}$

705

B767A2-3-4-3-2

8/2

9/1

105

H/d borders

9/1

(8935)

Excellent!

Nm

Umm

IG-1 (1)

22.5

706

B767A2-5-1-4-2

-2

8/3

9/1

74

H/d borders

9/1

(8954)

Good; needs more N!

Dn

Umm

IG-1 (6)

23.5

707

B767A2-18-2-1

-Bk

8/6

9/6

82



(8978-80)

H/d borders

9/10

Excellent

Dn

Umm

IG-1 (4)

22.9

708

B767A2-22-2-5-3

-2

8/12

9/6

80

(9009)

Later; perhaps
better average!

Dn

Umm

IG-1 (4)

27.1

$\frac{H}{T}$

GM

LB

952

4898

 $\frac{56.8}{69.4}$

659

3390

 $\frac{52.1}{69.6}$

870

4476

 $\frac{60.1}{70.6}$

806

4147

 $\frac{60.6}{69.0}$

709

B767A2-24-3-4-2

8/12

9/6

90

Hv'd borders

9/10

(554)

Stall. t. plant; poor
penile; more N?D_r
U_{HM}

IG-1 (4)

27.1

710

B767A2-30-2-4-2

-Bk-1

8/11

9/6

103

Hv'd borders

9/10

(9039)

Very good plant but
shiny pen; more N?D_r or N_s
rel. U_{HM}

IG-1 (1)

29.0

711

B767A2-34-3-2-2

-3

8/8

9/2

79

(9082)

Good plant but pen?
Slight lit. var.D_{mt}

IG-1 (4)

27.4

712

B767A2-40-7-1-3

8/6

9/2

76

Hv'd borders

9/10

(9128)

Excellent.

D_{mt}
rel. U_{HM}

IG-1 (3)

23.3

$\frac{H}{T}$

GM

LB

711

3658

 $\frac{54.2}{68.0}$

625

3215

 $\frac{58.7}{68.6}$

604

3107

 $\frac{58.6}{68.8}$

749

3853

 $\frac{57.3}{70.6}$

713	B767A2-41-1-3-1	8/10	9/6	106
H/d borders 9/10	(9129)			
	Good; better than WWRX? N/A UHM			IG-1 (1)
				27.9
714	BLMT	7/30	9/11	108
	Not BLMT			
	(Fa)			
	Looks like LBLE			IG-1 (1)
715	B767A2-48-7-2 -BK	8/12	9/6	86
	(9141-43)			
	Some lit. var. more par. problem?	DNT		IG-1 (1)
				28.1
716	B767A2-51-2-1-3	8/11	8/30	90
H/d borders 9/11	(9153)			
	E feedback; test with high W.	D _r		IG-1 (3)
		UHM		24.4

#/
T

GM

LB

734

3776

56.3/
67.8

804

4136

524/
72.0

631

3246

52.0/
67.4

805

4141

59.5/
70.5

717

B767A2-51-3-2-1

8/1

9/1

72

Hv'd borders
9/1

(9154)

Very good
Early!Ds
UHM

IG-1 (4)

22.8

718

B767A2-57-8-1-2

8/2

8/30

93

Hv'd borders
9/10

(9192)

May be good with
more N!Ns
+ UHM

IG-1 (4)

23.6

719

B767A2-61-1-3-1

-Bk-2

8/5

9/1

81

Hv'd borders
9/1

(9202)

Excellent

Dm
UHM

IG-1 (4)

24.3

720

B767A2-61-1-3-4

-Bk

8/3

9/1

82

Hv'd borders
9/1

(9204-06)

Excellent

Dm
UHM

IG-1 (4)

23.1

$\frac{H}{T}$

617

213

834

4291

 $\frac{61.0}{71.8}$

664

3416

 $\frac{60.2}{69.7}$

745

3832

 $\frac{51.4}{68.6}$

818

4208

 $\frac{52.9}{68.8}$

721

B767A2-61-2-2-Bk
-1-Bk

8/5

9/2

81

(9216-18)

Shw por. mat.

Dm

IG-1 (1)

24.5

722

B767A2-62-2-5-3
-Bk

8/10

9/6

86

(9241-43)

Slaty; much more N?
discolored grains (H₂O?)D₁
wt. UHM

IG-1 (4)

27.5

723

B767A2-62-5-3-Bk
-3-Bk

8/6

9/2

78

Hv'd borders

9/10

(9254-56)

Very good plat. but
smaller por.; much more
N?Dm
UHM

IG-1 (4)

28.8

724

B767A2-62-8-2-2

8/5

9/2

86

(9261)

Hv'd borders

9/10

Dm
UHM

IG-1 (1)

25.9

$\frac{H}{T}$

GM

LB

789

4059

 $\frac{52.2}{67.8}$

707

3637

 $\frac{60.5}{69.5}$

632

3251

 $\frac{63.1}{70.4}$

700

3601

 $\frac{62.4}{70.2}$

725

BT67A2-69-4-1-2
-3

8/3

9/2

80

(9287)

Slight ht. var.

Dnr

IG-1 (3)

23.4

726

BT67A2-70-8-2-2

8/7

9/6

84

(9322)

Lateral but very good;
more HD on plants? May
be because of later var.D_r

UHM

IG-1 (4)

27.4

727

BT67A2-78-3-5-3
-3-Bk

8/4

9/2

81

(9366-67)

Good but slight ht.
var.?

Dnr

IG-1 (1)

25.8

728

BT67A2-84-1-1-3
-Bk

8/6

9/2

105

(9411-13)

Hyld borders
9/10

Very good

N_m

UHM

IG-1 (2)

27.7

$\frac{H}{T}$

G11

L8

694

3570

 $\frac{54.1}{67.9}$

720

3704

 $\frac{58.2}{68.0}$

792

4075

 $\frac{60.4}{69.8}$

837

4306

 $\frac{63.1}{70.1}$

729

B767A2-84-9-3

-Bk

8/9

9/6

87

Hv'd borders

9/10

(9414-16)

IG-1 (4)

27.9

730

RU7603015

8/4

9/1

104

(HR)

IG-1 (1)

731

B767A2-89-3-3

-Bk

8/2

9/2

80

Hv'd borders

9/10

(9436-37)

Excellent but missing
tail seg; rogued!

DT

IG-1 (1)

22.6

732

B767A2-95-10-3

-1

8/8

9/2

99

Hv'd borders

9/10

(9455)

Good

N/A

IG-1 (4)

ad. UHM

26.3

$\frac{H}{T}$

GM

LB

835

4296

 $\frac{57.7}{68.1}$

796

4095

 $\frac{58.6}{71.9}$

691

3555

 $\frac{65.0}{72.0}$

872

4486

 $\frac{58.3}{67.9}$

733

B767A2-97-5-1-2

-1-2

8/4

9/1

72



(9481)

Hv'd. borders

9/1

Spillat plant; much
more H.

Dm

VHM

IG-1 (1)

24.2

734

B767A2-98-4-2-Bk

-3-2

8/6

9/2

82

(9493)

Variable; more
shifty! yellowD_T

IG-1 (1)

26.4

735

B767A2-103-6-Bk

-2-3

7/30

8/30

69

(9524)

Very early; shaggy pen

D_S

IG-1 (4)

VHM

22.2

736

B767A3-9-5-2-Bk

8/6

9/6

76

(9538-39)

Smaller + plant but
much pen. debris
& shifty

Dm

VHM

IG-1 (1)

28.1

$\frac{H}{T}$

GM

LB

774 3982

 $\frac{54.9}{69.0}$

801 4121

 $\frac{56.0}{68.8}$

606 3118

 $\frac{59.1}{69.5}$

577 2968

 $\frac{54.3}{68.1}$

737	B767A3-40-3-3-3	8/6	9/6	100
Hv'd borders 9/10	(9608)			
	Good?	Nm		IG-1 (4)
		rel. Vmax		26.7
738	LEAH	8/4	9/2	90
	(26)			
				IG-1 (1)
	B767A3-41-2-3-2			
739		8/5	9/2	75
Hv'd borders 9/11	(9613)			
	Very good but tell rep Carefully tagged.	Dm		IG-1 (4F)
				23.0
740	B767A3-63-1-4-1	8/11	9/6	82
	(9637)			
	Variable; late Drop!	Dt		IG-1 (4)
				23.6

$\frac{14}{7}$

GM

LB.

798

4105

 $\frac{54.6}{168.1}$

923

4748

 $\frac{42.4}{72.1}$

676

3478

 $\frac{62.6}{71.1}$

601

3092

 $\frac{58.4}{69.4}$

741

B767A3-17-2-1-3

8/7

9/2

98

(9673)

Contains tell seg.

NMS

IG-1 (4)

Good

22.7

742

B767A3-19-2-Bk
-2-2

8/10

9/6

80

(9678)

Excellent plant but
more sun. problem
(due to lettuce?)Dm
UHM

IG-1 (1)

26.1

743

B7114A1-Bk3-53
-1-3

8/2

9/2

110

(703)

IG-1 (1)

744

B7114A1-Bk3-106
-4

8/6

9/2

106

(711)

IG-1 (1)

H/
T

GM

LB.

787

4049

59.0/
69.6

702

3612

54.8/
67.7

707

3637

52.1/
68.8

862

4435

53.6/
69.6

745

B7114A1-Bk₃-140
-3

7/30

9/1

109

(712)

IG-1 (1)

746

LBNT

8/3

9/1

103

(Fa)

IG-1 (1)

747

B7121A3-Bk₃-32
-5

8/3

9/1

98

(698)

IG-1 (1)

21.7

748

B7412A2-20-BK
-2-BK

8/5

9/2

103

(659)

IG-1 (1)

$\frac{H}{7}$

GM

LB

821

4224

 $\frac{49.6}{69.6}$

793

4080

 $\frac{58.4}{71.0}$

710

3653

 $\frac{56.0}{70.3}$

860

4424

 $\frac{62.7}{71.9}$

749

BT412A2-20-BK-8
-BK

8/7

9/2

101

(662)

IG-1 (1)

750

BT412A2-20-BK-19
-BK

8/7

9/2

104

(665)

IG-1 (1)

751

BT412A2-21-BK-5
-3

8/5

9/2

104

(667)

IG-1 (1)

752

BT412A2-25-8-2
-1

8/9

9/2

100

(671)

IG-1 (1)

$\frac{H}{T}$

GM

LB.

834

4291

 $\frac{60.6}{71.8}$

903

4646

 $\frac{59.0}{70.4}$

883

4543

 $\frac{58.8}{70.1}$

810

4167

 $\frac{60.8}{70.6}$

753

BT412A2-34-Bk-1
-4

8/6

9/2

105

(672)

IG-1 (1)

754

BT412A2-45-3-4
-2

8/4

9/1

104

(1284)

IG-1 (1)

755

LBLE

7/29

8/30

106

(Fa)

IG-1 (1)

756

BT1116A1-27-Bk2-5
-4-5-2

7/28

8/30

97

(718)

St. hd. symptoms!

IG-1 (1)

27.3

$\frac{4}{7}$

GM

LB.

882

4538

 $\frac{69.3}{71.2}$

814

4188

 $\frac{58.7}{70.2}$

800

4116

 $\frac{59.0}{71.3}$

911

4687

 $\frac{52.9}{69.9}$

757

B7116A1-28-BK₂-5
-5-5-1

7/30

8/30

100

IG-1 (1)

758

B7421A1-57-3-4-3
-3-1

7/29

8/30

94

(749)

Good

N

UHM

IG-1 (1)

27.2

759

B773A1-G87-9-1-1
-1

8/7

9/2

120

(5771)

Tall, meat; uniform
good lgt

IG-1 (1)

23.3

6-4

760

STBN

8/15

9/9

111

(68)

IG-1 (5)

$\frac{H}{T}$

GM

LB.

796

4095

0

 $\frac{49.0}{69.7}$

847

4357

0

 $\frac{54.9}{69.5}$

730

3756

 $\frac{54.0}{67.8}$

730

3756

 $\frac{60.9}{69.8}$

761

B773A1-G87-9-1
-3-3

8/6

9/2

120

£150 p/p for

24.4

1983 headwings

(5784)

3-3, 3-4

for elite program

Tall; mat

1gt

IG-1 (1)

Hv'd borders

9/9

762

B773A1-G87-9-4
-2-3

8/10

9/6

117

(5814)

1gt

IG-1 (1)

23.7

2-3, 4-4

763

B773A1-G87-9-5
-4-4

8/7

9/2

116

(5841)

Some lt. var.

1gt

IG-1 (1)

23.0

1-3, 4-4, 1-5

764

B773A1-G87-13-4
-4-5

8/6

9/6

121

(5904)

1gt

IG-1 (1)

23.3

3-4, 3-5

$$\frac{47}{7}$$

97

28.

729

3750

$$\frac{55.1}{68.0}$$

727

3740

$$\frac{47.2}{68.5}$$

777

3997

$$\frac{48.4}{68.6}$$

875

4502

$$\frac{39.4}{70.4}$$

Date seeded : 5/20/82

				HT. (cm)
765	B7442A1-19-2-2-2 -3 (11074)	8/7	9/20	100 IG-1 (4)
766	B7442A1-35-2-1-1 -Bk (11119-21)	8/9	9/23	103 IG-1 (4)
767	B7442A1-72-2-1-5 -Bk (11181-83)	8/10	9/23	107 IG-1 (5)
768	NATO	8/10	9/16	138 IG-1

#/
7

GM

LB

1062

5464

54.6/
73.6

1102

5669

60.2/
71.1

1070

5505

63.4/
71.2

808

4157

80

67.8/
72.7

769

BT442A1-76-4-3-1

-Bk

8/9

9/20

103

(11192-94)

IG-1 (5)

770

BT442A1-83-3-2-2

-4

8/7

9/20

103

(11209)

IG-1 (6)

771

BT442A1-87-1-3-1

-Bk

8/10

9/23

97

(11211-13)

IG-1 (5)

772

BT442A1-89-1-3-4

-Bk

8/11

9/23

104

(11219-20)

IG-1 (5)

$\frac{H}{T}$

G17

LB

1102

5669

 $\frac{63.5}{72.0}$

984

5062

 $\frac{62.7}{71.3}$

1043

5366

 $\frac{60.6}{72.9}$

1077

5541

 $\frac{58.2}{70.4}$

773

R07403025

8/5

9/16

104

()

IG-1

774

B7442A1-107-2-1-1

-Bk

8/7

9/20

109

(11232-36)

IG-1 (5)

775

B7442A1-108-1-1

-3-Bk

8/10

9/23

107

(11242-46)

IG-1 (5)

776

B7442A1-110-4-1

-3-Bk

8/9

9/23

90

(11247-49)

IG-1 (4)

$\frac{H}{T}$

GM

LB

1019

5242

 $\frac{63.2}{71.2}$

1155

5942

 $\frac{61.0}{71.2}$

1165

5993

 $\frac{62.5}{72.1}$

1102

5669

 $\frac{64.3}{72.8}$

777

BT442A1-119-1-2-3

-Bk

8/7

9/20

102

(11263-67)

IG-1 (5)

778

MARS

8/7

9/16

114

(24)

Shows big brown
blotch!

IG-1

779

BT442A1-150-4-3

-4-2

8/12

9/23

110

(11295)

IG-1 (4)

780

BT442A1-162-4-2

-2-5

8/7

9/20

107

(11323)

IG-1 (4)

$\frac{H}{T}$

GM

LB.

1076

5536

 $\frac{64.6}{72.0}$

1025

5273

 $\frac{66.8}{71.3}$

1211

6230

 $\frac{69.4}{72.8}$

1119

5757

 $\frac{67.1}{72.7}$

781

BT442A1-164-1-2
-4-Bk

8/10

9/23

105

(11332-34)



IG-1 (6)

782

BT442A1-174-5-2
-2-Bk

8/11

9/23

107

(11352-54)



IG-1 (6)

783

BRAZ

8/8

9/23

119

()

IG-1

784

BT442A2-34-2-3
-3-Bk

8/7

9/20

112

(11417-21)

IG-1 (4)

$\frac{H}{T}$

GM

LB.

1230

6328

 $\frac{65.2}{72.7}$

1151

5921

 $\frac{64.8}{70.6}$

1106

5690

 $\frac{64.8}{71.2}$

1081

5561

 $\frac{63.0}{71.9}$

785	B7442A2-36-3-3 -3-Bk	8/10	9/23	120
	(11429-31)			
				IG-1 (7)

786	B7442A2-39-3-3 -4-Bk	8/10	9/23	111
	(11434-36)			
				IG-1 (7)

787	B7442A2-41-2-3-4 -Bk	8/9	9/23	97
	(11438-42)			
				IG-1 (4)

788	B7442A2-58-2-2 -2-Bk	8/11	9/23	105
	(11476-77)			
				IG-1 (5)

$\frac{H}{T}$

GM

LS

1169

6014

 $\frac{65.4}{71.8}$

1221

6282

 $\frac{67.0}{73.8}$

1219

6271

 $\frac{63.0}{73.6}$

1083

5572

 $\frac{63.5}{72.8}$

789

B7442A2-10-1-3

-4-5

8/13

9/23

93

(11509)

IG-1 (4)

790

B7442A2-10-3-1

-2-4

9/23

92

(11513)

IG-1 (4)

791

B7442A2-10-3-

9/23

96

(11516-17)

IG-1 (6)

792

B7442A2-12-3-1

-3-BK

8/10

9/23

98

(11527-29)

IG-1 (5)

$\frac{H}{T}$

GM

LB.

922

4743

 $\frac{65.4}{73.0}$

960

4939

 $\frac{65.3}{72.3}$

1018

5237

 $\frac{59.3}{71.8}$

988

5083

 $\frac{65.3}{73.0}$

793

BT442A2-78-4-2
-2-BK

8/11

9/23

94

(11536-39)

IG-1 (4)

794

BT442A2-81-3-1-2
-BK

8/9

9/23

96

(11546-50)

IG-1 (5)

795

BT442A2-85-5-1
-1-BK

8/14

9/23

83

(11559-60)

IG-1 (6)

796

BT442A2-86-1-3
-2-BK

8/13

9/23

103

(11562-64)

IG-1 (6)

#/
T

GM.

LB.

971

4995

63.0/
72.2

1019

5242

67.4/
74.5

837

4306

69.3/
72.4

1013

5211

53.3/
72.0

797

B7442A2-92-3-3
-3

9/23

93

(805)

IG-1

798

B7442A2-93-5-1
-2-2

8/13

9/23

100

(11579)

IG-1

799

B7442A2-99-3-2
-Bk

8/12

9/23

96

(807)

IG-1

800

B7439A1-1-4-5-3
-3

8/7

9/20

104

(809)

Very good stand

IG-1

$\frac{H}{T}$

GM

LB.

827

4255

 $\frac{69.7}{72.7}$

985

5067

 $\frac{65.5}{72.9}$

1069

5500

 $\frac{66.7}{71.1}$

1067

5489

 $\frac{65.1}{73.4}$

801

B7439A1-11-3-5-1

-3-Bk

8/9

9/20

100

(812)

thin stand!

IG-1

802

B7439A1-14-7-5-1

-1

8/9

9/23

100

(1290)

IG-1

803

B7439A1-27-2-2

-1-3-Bk

8/7

9/23

103

(817)

IG-1

804

B7439A1-43-2-1-3

-1-Bk

8/7

9/20

100

(1293)

IG-1

$\frac{14}{7}$

GM

LB.

1000

5145

 $\frac{66.1}{73.7}$

1040

5350

 $\frac{64.6}{73.4}$

985

5067

 $\frac{67.8}{74.2}$

1129

5808

 $\frac{65.8}{71.3}$

805

BT439A1-43-2-4-2

- 3 - Bk

8/7

9/20

92

(1294)

IG-1

806

BT439A1-48-5-4-1

- Bk

8/9

9/20

100

(1296)

IG-1

807

BT439A1-52-2-2-3

- Bk

8/8

9/20

103

(11601-05)

IG-1

808

BT439A1-54-2-3

- 4 - Bk

2/8

9/20

107

(11606-10)

IG-1

$\frac{H}{T}$

GM

LR

1061

5458

 $\frac{64.4}{72.2}$

1037

5335

 $\frac{60.4}{72.8}$

1002

5155

 $\frac{54.2}{73.0}$

1086

5587

 $\frac{63.8}{72.8}$

809

B7439A1-57-5-3-2

- Bk

8/9

9/23

108

(11611-15)

IG-1

810

B7439A1-61-5-2

-3-Bk

8/11

9/23

108

(11621-25)

IG-1

811

B7439A1-71-5-3-5

- Bk

8/8

9/23

104

(11642-46)

IG-1

812

B7439A1-75-4-1

-4-5

8/11

9/23

106

(11662)

IG-1

$\frac{H}{T}$

GM

LB

10

1102

5669

 $\frac{65.4}{73.8}$

1014

5217

 $\frac{67.3}{73.6}$

924

4754

 $\frac{65.8}{73.4}$

1087

5592

 $\frac{64.6}{71.1}$

813

BRAZ

8/9

9/23

112

()

IG-1

814

B7439A1-84-1-1-
-2-1

8/11

9/23

106

(11679)

IG-1

815

B7439A1-88-4-1-4
-BK

8/9

9/23

107

(11684-88)

IG-1

816

B7439A1-92-1-2
-5-BK

8/8

9/23

110

(11689-93)

IG-1

$\frac{H}{T}$

GM

LB.

1046

5381

 $\frac{65.9}{73.0}$

963

4954

 $\frac{70.2}{74.2}$

1066

5484

 $\frac{67.8}{73.2}$

1087

5592

 $\frac{62.2}{70.7}$

817

B7439A1-95-1-1-2

-1

8/7

9/20

107

(11699)

more PB

IG-1

818

MARS

8/7

9/16

113

()

IG-1

819

B7439A1-114-1-2-3

- Bk

8/7

9/20

97

(11725-29)

IG-1

820

B7439A1-129-2-2

-3- Bk

8/8

9/23

117

(11751-55)

IG-1

WTM

$\frac{H}{T}$

GM

LB

729

3750

 $\frac{53.8}{72.8}$

934

4805

 $\frac{62.2}{70.5}$

1059

5448

 $\frac{61.4}{71.8}$

1202

6184

 $\frac{67.6}{74.4}$

821

BT439A2-4-2-2

-Bk-3-2-3

8/9

9/20

105

(834)

IG-1

822

RU7403025

8/5

9/16

102

()

IG-1

823

BT439A2-9-6-1-1

-Bk

8/10

9/23

106

(836)

IG-1

824

BT439A2-12-7-1-2

-Bk

8/7

9/20

103

(1305)

IG-1

$$\frac{47}{7}$$

GM

LB.

1213

6240

10

$$\frac{63.1}{73.5}$$

1002

5155

$$\frac{59.8}{70.6}$$

1144

5885

$$\frac{61.4}{71.9}$$

1006

5175

$$\frac{60.8}{72.7}$$

825

BT439A2-16-6-4
-2-5

8/10

9/20

103

(839)

WTM

IG-1

826

NATO

8/10

9/16

136

(41)

IG-1

827

BT439A2-19-7-5
-1-BK

8/9

9/20

104

(840)

IG-1

828

BT439A2-31-3-2-BK
-1-2-BK

8/11

9/23

100

(1309)

IG-1

H/
T

GM

LB

1030

5299

63.9/
73.4

621

3195

67.4/
72.5

1178

6060

63.0/
72.5

1140

5865

63.5/
72.7

829

B7439A2-37-8-1
-2-1

8/12

9/23

105

(844)

IG-1

830

B7439A2-39-8-3
-1-BK

8/9

9/23

103

(1312)

IG-1

831

B7439A2-40-6-2
-3-BK

8/10

9/20

102

(1313)

IG-1

832

B7439A2-47-3-1
-3-1-BK

8/8

9/20

102

(1316)

IG-1

$\frac{H}{7}$

GM

LB.

1010

5196

 $\frac{67.5}{74.1}$

1027

5284

 $\frac{66.2}{72.0}$

1245

6405

 $\frac{68.6}{74.4}$

996

5124

 $\frac{67.2}{73.5}$

833

B7439A2-53-2-2

-1-BK

8/7

9/23

98

(11772-76)

WTM

IG-1

834

B7439A2-55-2-2

-2-BK

8/8

9/23

96

(11777-81)

IG-1

835

B7439A2-81-1-3

-4-BK

8/7

9/23

106

(11797-99)

IG-1

836

B7439A2-127-4-3

-3-BK

8/12

9/20

98

(11851-52)

IG-1

H/
T

GM

LB.

1011

5201

65.0/
73.3

1074

5525

66.2/
73.5

1083

5572

67.0/
73.8

963

4954

67.2/
73.5

837

B7439A2-134-1-3
-2-BK

8/5

9/20

90

(11854-58)

IG-1

838

B7439A2-145-5-2
-1-BK

8/3

9/20

98

(11881-84)

IG-1

839

B7720A1-9-4-BK

8/8

9/20

100

(11908-10)

IG-1 (5)

840

B7720A1-

8/8

9/23

109

(11924)

IG-1 (4)

$\frac{H}{T}$

GM

LB.

966

4970

 $\frac{65.1}{73.8}$

987

5078

 $\frac{60.0}{72.8}$

995

5119

 $\frac{62.8}{72.8}$

969

4985

 $\frac{63.8}{72.4}$

841

B7720A2-Bk-3-3

-4

8/6

9/20

114

(11929)

Apap

IG-1 (6)

842

B7720A2-Bk-7-1

-Bk

8/7

9/20

105

(11937-39)

IG-1 (6)

843

B7720A2-Bk-8

-1-Bk

8/7

9/20

110

(11941-43)

IG-1 (6)

844

B7720A2-Bk-14

-2-Bk

8/8

9/20

111

(11952-53)

IG-1 (6)

$\frac{H}{T}$

GM

LB

1121

5767

 $\frac{59.0}{72.8}$

1127 5798

 $\frac{56.4}{72.8}$

1152 5927

 $\frac{62.1}{71.9}$

1061 5458

 $\frac{64.8}{72.7}$

845

BT720A2-BK-14
-4-BK

8/5

9/20

108

(11958-59)

IG-1 (6)

846

BT720A2-BK-23
-4-BK

8/5

9/20

102

(11970-73)

IG-1 (5)

847

BT720A2-BK-41
-4-5

8/6

9/20

110

(12008)

IG-1 (5)

848

BT720A2-BK-48
-1-BK

8/7

9/20

108

(12017-19)

IG-1 (5)

H/
7

GM

LB

1048 5392

57.0/
73.6

965 4965

63.4/
73.6

1030 5299

~~Held~~65.4/
77.6

1244 6400

67.4/
72.9

849

B7720A2-BK-56

-1-1

8/10

9/23

104

(12039)

IG-1 (5)

850

B773A1-G35-13-1

-1-3

8/3

9/7

120

Hv'd borders

9/13

(5555)

tall
elite geomplexus?UHM
mg+

IG-1 (1)

11.8

4-6.2-7

851

8/10

9/9

125

(5771)

lgt
UHM

IG-1 (1)

23.3

6-4

852

8/14

9/13

133

(5814)

lgt

IG-1 (1)

23.7

2-34-4

$\frac{A}{T}$

GM

LB

1263 6498

 $\frac{65.6}{73.4}$

890 4579

 $\frac{61.2}{72.3}$

851 4378

 $\frac{58.2}{68.8}$

786 4044

 $\frac{57.9}{68.6}$

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

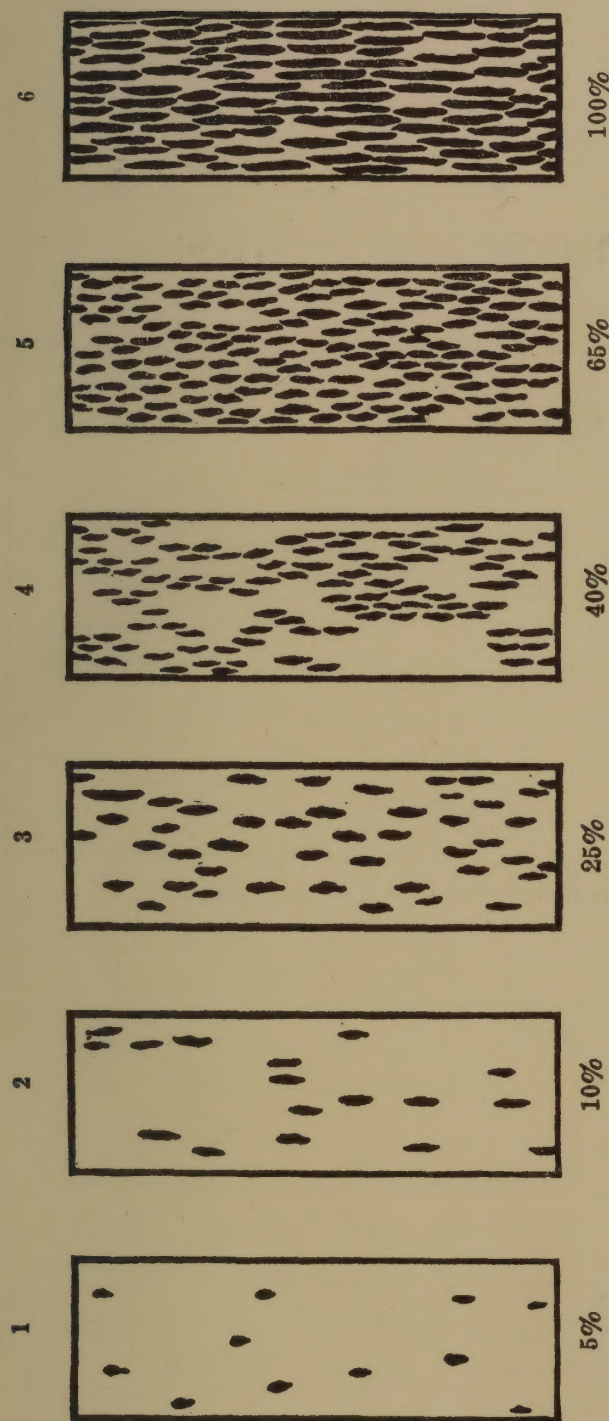
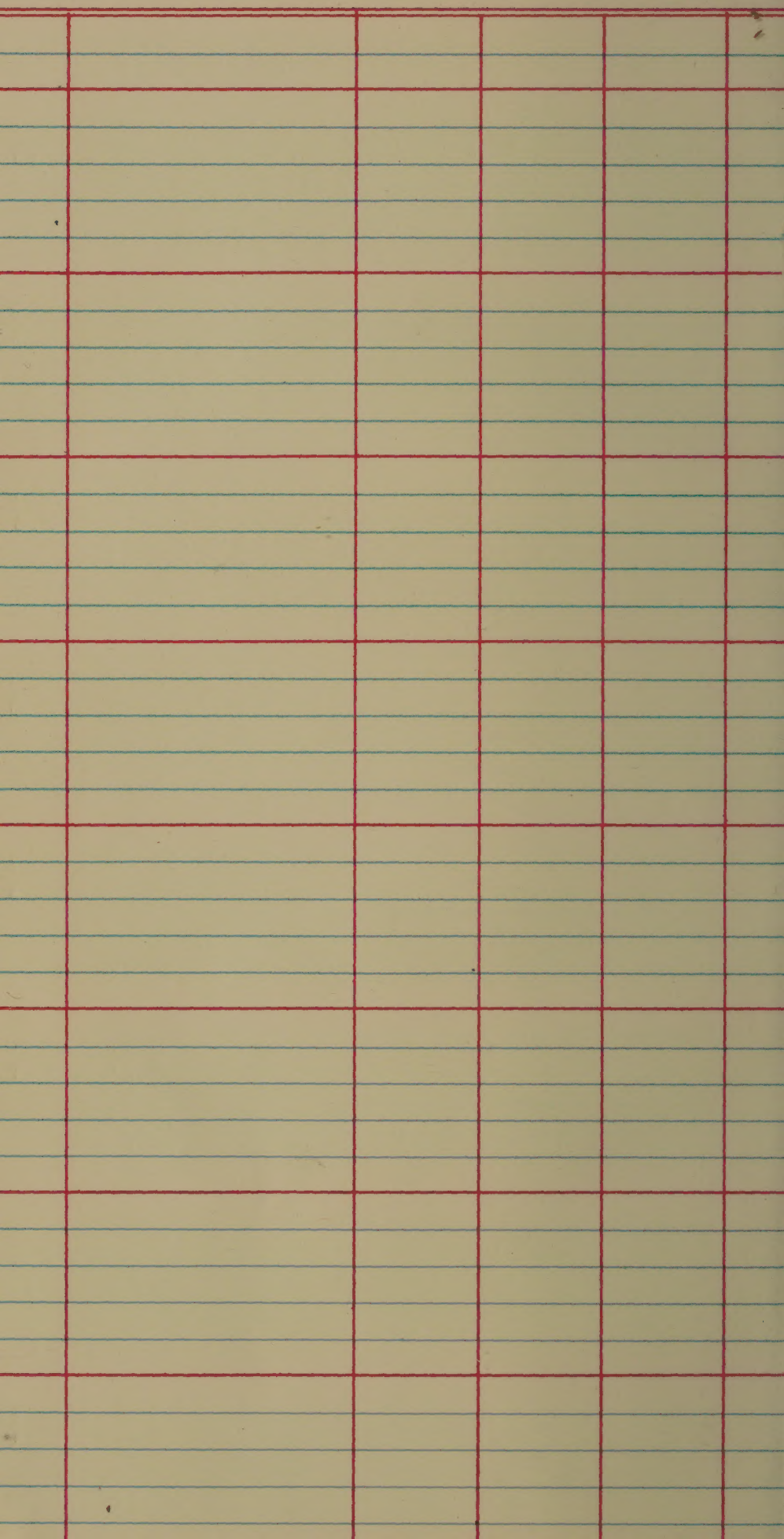


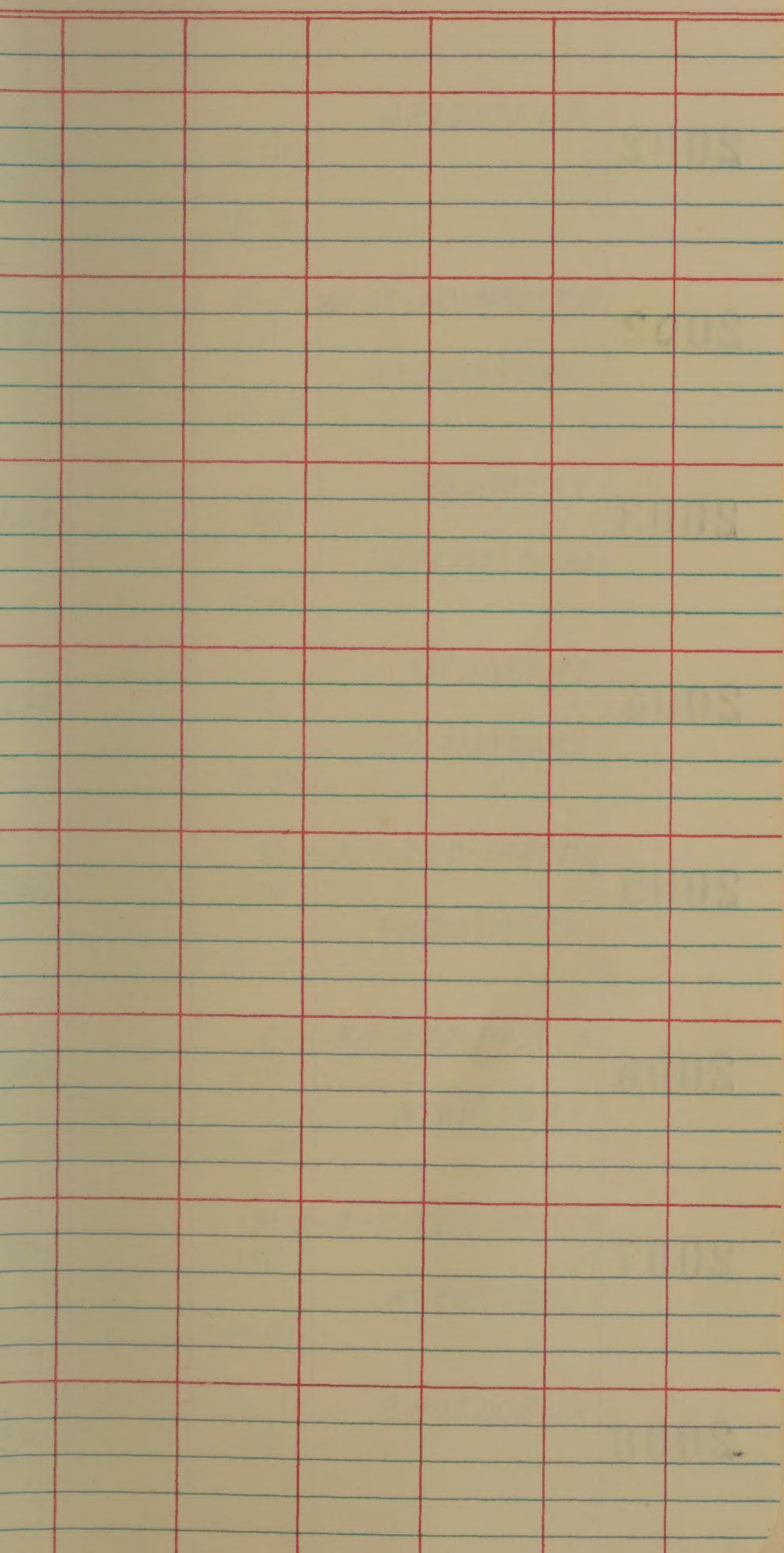
Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.





Date seeded: 4/8/82

2001	RU7902156	7/22 Hv. 9/1	2640
2002	B723A8-BK-21-BK-4-5 LBNT/315650	7/22 Hv. 9/1	2573
2003	TX780665 LBNT/315650	7/25 Hv. 9/1	2671
2004	TX780670 LBNT/315650	7/24 Hv. 9/1	2672
2005	B773A1-G87-9-3-4-2 VSTA/LBNT	7/22 Hv. 8/17	5803
2006	B773A1-G87-9-3-4-3 LBNT/VSTA	7/22 Hv. 8/17	5804
2007	B773A1-G87-9-3-4-4 P LBNT/VSTA	7/20 Hv. 8/17	5805
2008	RU8003043	7/18 Hv. 8/17	43

50	RU8003050	7/14	2009
		Hv. 8/17	
46	BLMT	7/13	2010
		Hv. 8/17	
26	LEAH	7/14	2011
		Hv. 8/17	
4473	RU7603069	7/14	2012
		Hv. 8/17	
2567	RU7603091	7/20	2013
		Hv. 8/17	
15	RU7603015	7/11	2014
		Hv. 8/11	
5	RU8003005	7/6	2015
		Hv. 8/11	
12915	LBLE	7/6	2016
		Hv. 8/11	

2017	NWRX	7/17		121	
	Good PB or stability	Hv. 8/17			
2018	RUS101021	7/17		21	
	STRN/TTEP	Hv. 8/6			
2019	RUS101110	7/11		110	
		Hv. 8/17			
2020	RUS101117	7/12		117	
		Hv. 8/11			
2021	RUS103118	7/13		118	
		Hv. 8/17			
2022	BT67A3-11-4-2	7/19		1234	
		Hv. 8/17			
2023	L-201	7/6		82	
		Hv. 8/2			
2024	BT41A1-206-1-5-BK	7/17		343	
		Hv. 8/17			

14821-22	TIRE	8/8	2025
		Hv. 9/1	
1206	B774A2-BK-92-3	7/15	2026
		Hv. 8/17	
2775	CI 9902	7/22	2027
	Same PB	Hv. 8/17	
79/1503	Ai-mon-tsau 1	6-14	2028
	PI 401423	Hv. 7/27	
79/1504	Ai-mon-tsau 39	6/27	2029
	PI 401424	Hv. 7/27	
79/1505	29 Lu1	6-11	2030
	PI 401458	Hv. 7/27	
1809	Kwang-chang-ai	7/9	2031
		Hv. 8/17	
12713-15		7/7	2032
		Hv. 8/2	

2033	BT73A1-G35-2-3-1	7/11	5492
		Hv. 8/11	
2034		7/11	5500
		Hv. 8/11	
2035		7/20	5609
		Hv. 8/17	
2036		7/23	5627
		Hv. 8/17	
2037	RU8102044	7/15	44
		Hv. 8/17	
2038	RU8003048	7/13	48
		Hv. 8/26	
2039	RU8003053	7/15	53
		Hv. 8/26	
2040	RU7902030	7/13	30
		Hv. 8/17	

115	RU8002115	7/11 Hv. 8/17	2041
16	RU7902113	7/5 Hv. 8/6	2042
41	NATO	7/14 Hv. 8/11	2043
24	MARS PB	7/9 Hv. 8/17	2044
25	RU7403025 PB	7/7 Hv. 8/17	2045
23	RU8102023 Severe PB!	7/11 Hv. 8/11	2046
81	VSTA	7/5 Hv. 8/6	2047
99	RU8002099	7/7 Hv. 8/17	2048

2049	RUS002108	7/12		108	
		Hv. 8/17			
2050	RUS002111	7/17		111	
		Hv. 8/17			
2051	RUT902149	7/19		149	
		Hv. 8/17			
2052	RUS002185	7/12		185	
		Hv. 8/17			
2053	RUS102199	7/19		199	
		Hv. 8/26			
2054	RUS102105	7/11		105	
		Hv. 8/11			
2055	RUS101148	7/13		148	
	Severe PB	Hv. 8/17			
2056	BRAZ	7/9		122	
		Hv. 8/17			

162	LA 110	7/15	2057
		Hv. 8/17	
169	RU8001169	7/11	2058
		Hv. 8/17	
174	RU7803097	7/28	2059
		Hv. 8/26	
1	M101	6/26	2060
		Hv. 8/2	
55	M302	7/10	2061
		Hv. 8/17	
90	S201	7/8	2062
		Hv. 8/17	
126	M-9	7/1	2063
		Hv. 8/17	
14837-38	ED-7	6/28	2064
		Hv. 8/2	

2065	ESD-7	7/19		14841-42
		Hv. 8/26		
2066		7/11		12507-09
		Hv. 8/17		
2067		7/11		12518-20
		Hv. 8/17		
2068	GIZA 159	8/19		2179-80
		Hv. 9/24		
2069	YNA 223	8/12		2201-02
		Hv. 9/24		
2070	YBANI M7	8/16		2199-2200
		Hv 9/24		
2071	Tongil	7/19		10453
	Severe PB	Hv. 8/26		
2072	Pi 4	7/26		10525
		Hv. 8/26		

18/2101-10	Mutica	7/7	2073
		Hv. 7/27	
14901-08	HK 76	7/7	2074
		Hv. 8/6	
2340-45	Italica Livorno	6-10	2075
		Hv. 7/27	
2368		6/25	2076
		Hv. 8/2	
2375		6/30	2077
		Hv. 7/27	
2377		6/26	2078
		Hv. 7/27	
2378		6-14	2079
		Hv. 7/27	
border	Della	7/13	2080
		Hv. 8/6	

2081	Basmati 370	8/20	2001-20
		Hv. 9/24	
2082	TX 765433	7/19	2281
		Hv. 9/18	
2083		8/12	2304-06
		Hv. 9/18	
2084	TDCN	7/26	2307-09
		Hv. 8/26	
2085	H4/CODF	7/16	2310-12
		Hv. 8/26	
2086	NTAI	7/22	2313-15
		Hv. 9/11	
2087	variable !	7/14	2316-18
		Hv. 9/11	
2088	IR661-1-140	7/27	2319-21
		Hv. 8/26	

2322-24	STBN	7/23	2089
		Hv. 8/17	
2452	PI 408449	7/25	2090
		Hv. 8/17	
2523	BS-1	7/9	2091
		Hv. 8/2	
2622	RU7901092	7/5	2092
		Hv. 8/2	
28	LBNT	7/11	2093
		Hv. 8/6	
12715		7/2	2094
		Hv. 7/27	
2336-39	REMI	7/1	2095
		Hv. 8/6	
78/75	RU7703075	7/12	2096
		Hv. 8/6	

2097	Ribe	7/3		2458
		Hv. 8/2		
2098	Maratelli	6/29		2459
		Hv. 8/2		
2099	Bersani	7/11		2460
		Hv. 8/2		
2100	Vialone nano	7/5		2461
		Hv. 8/2		
2101	BBLE	7/16		2544
		Hv. 8/17		
2102	BLPT	7/8		2545
		Hv. 8/6		
2103	DAWN	7/18		border
		Hv. 8/17		
2104	BN 73	7/21		161
		Hv. 8/26		

2151-60	CP 231	7/20	2105
		Hv. 8/17	
2581-85	BB50	7/27	2106
		Hv. 8/26	
361	Bellevue	7/21	2107
	Senior PB	Hv. 8/26	
2586-90	BB50 ² /JULA	7/18	2108
		Hv. 8/26	
2141-50	Jolula		2109
2578-80	PI 315650	9/3	2110
		Hv 9/24	
2466-68	Patnai	7/26	2111
		Hv. 9/8	
2474	NP 130	7/17	2112
		Hv. 8/11	

2113	Peta			2495-2500
2114	PI 61035 Purple bran	7/29 Hv. 8/26		2591-95
2115	OS-6	7/23 Hv. 8/17		2464
2116	Akeeltik	6/31 Hv. 7/27		2463
2117	Sarikilgik	6/13 Hv. 7/27		2462
2118	PI 325893	7/19 Hv. 8/26		2485
2119	Seguial	7/7 Hv. 8/26		2453
2120	Bahia	7/7 Hv. 8/11		2455

2456	Dosel	6/27	2121
		Hv. 8/11	
2457	Amposta	7/5	2122
		Hv. 8/11	
79 Inc.	Girona	8/2	2123
		Hv. 9/24	
2465	Koshihikari	7/8	2124
		Hv. 8/11	
2469-71	JAYA	8/17	2125
	orange leaves in late tillering	Hv. 9/24	
2475	CCAY	7/27	2126
		Hv. 8/26	
2476	TN-1	7/24	2127
		Hv. 8/17	
2477	I-geo-tze	7/14	2128
		Hv. 8/26	

2129	PI 372041	7/22	2479
		Hv 9/24	
2130	PI 372054	7/14	2480
		Hv. 8/26	
2131	PI 372056	7/16	2574
		Hv. 8/26	
2132	PI 372097	7/21	2486
		Hv. 8/26	
2133	PI 385431	± 8/24	2482
		Hv 9/24	
2134	PI 385814	7/23	2481
		Hv. 8/14	
2135	PI 385817	7/17	2483
	Very tall, much	Hv. 8/6	
2136	IR-8	8/13	2021-30
		Hv 9/24	

2031-40	IR-20		$\pm$ 8/22	2137
			Hv. 9/24	
2041-50	IR-22		8/17	2138
			Hv. 9/24	
2051-60	IR-24		7/31	2139
		Surve HO	Hv. 9/8	
2061-70	IR-26		8/1	2140
		Surve HO	Hv. 9/8	
2071-80	IR-28		7/13	2141
			Hv. 8/11	
2081-90	IR-29		7/22	2142
			Hv. 8/17	
2091-2100	IR-30		7/14	2143
			Hv. 8/17	
2101-10	IR-34			2144

2145	IR-36	7/28 Hv. 9/1	2111-20
2146	IR-38	8/17 Hv. 9/24	2121-30
2147	IR-42	9/10	2131-40
2148	M-301	7/7 Hv. 8/17	2513
2149	Calmochi 202	7/6 Hv. 8/17	2516
2150	Mochi Gomi	7/14 Hv. 9/8	2517
2151	Cal 72/3764	7/13 Hv. 8/6	2515
2152	PI 331581	7/19 Hv. 8/17	2562

9821	SSD/SSS	7/24	2153
		Hv. 8/17	
2353	13-D	7/30	2154
		Hv. 8/26	
2559	LBLE - X2-1	7/11	2155
		Hv. 8/17	
12	LBLE - X2-2	7/10	2156
		Hv. 8/11	
7	RU8101007	7/8	2157
		Hv. 8/11	
45	RU7901045	7/19	2158
		Hv. 8/17	
2564	76/1227-1	7/8	2159
		post stand! Hv. 8/16	
4875	76/1309-1	7/19	2160
		Hv. 8/17	

2161	CI 9881	7/17	2566
		Hv. 8/16	
2162	RU7403157	7/12	2561
		Hv. 8/17	
2163	RU7502076	7/18	2568
		Hv. 8/17	
2164	BT23A8-BK-31-BK-10-4	7/26	2572
		Hv. 8/26	
2165	CI 9545	7/19	2525
	Severe PB	Hv. 9/1	
2166	CI 9878	7/19	2523
		Hv. 9/1	
2167	CI 9879	7/22	2524
	bad PB	Hv. 9/1	
2168	PI 215936	7/12	2478
		Hv. 9/1	

2570	RU7701074	7/15 Hv. 8/6	2169
2520	RU7703046	7/21 Hv. 9/8	2170
2519	RU7703048	7/19 Hv. 9/8	2171
2522	RU7803060	7/26 Hv. 9/8	2172
2521	RU7903048	7/15 Hv. 8/6	2173
2569	RU7402003	7/7 Hv. 8/6	2174
2518	74/22	7/8 Hv. 8/6	2175
2526	74/312	7/10 Hv. 8/26	2176

2177	RUT503053	7/18	2576	
		Hv. 8/26		
2178	BRAZ-X2-1	7/7	32	
		Hv. 8/26		
2179	STRN	7/11	123	
		Hv. 8/11		
2180	GROS	7/11	2533	
		Hv. 8/11		
2181	NROS	7/8	2537	
		Hv. 8/17		
2182	NV66	7/11	2532	
		Hv. 8/17		
2183	NV76	7/12	163	
		Hv. 8/17		
2184	Melrose	7/12	351	
		Hv. 8/17		

1000	Brittle STRN	7/13	2185
		Hv. 8/26	
2488	Dular	6/30	2186
		Hv. 7/27	
2489-91	PI 291449	6/17	2187
		Hv. 7/27	
2492-94	PI 291495	6/17	2188
		Hv. 8/2	
Br	UYN 43 rogue	7/11	2189
	Seg. ht., maturity; grain shape.		
"	"	7/1	2190
	Apap; lgt-mgt seg. ht;		
HR	UYN 25	7/7	2191
	UYN 25 rogue	7/11	2192
4-Acre Fld.			
	Seg. hull color & ht;		

2193	UYN 25 rogue	7/12		4-Acre fld.	
Show MAM	Stew hulls; seg. ht. big leaf lesions !!!				
2194	"	7/10		"	
	seg. ht.; grain shape, awnedness.				
2195	"	7/7		"	
	Typical Pacos				
2196	"	7/7		"	
	seg. ht., grain shape, awnedness.				
2197	"	7/7		"	
	seg. hull color				
2198	"	7/9		"	
	seg. ht., grain shape, awnedness.				
2199	"	7/11		"	
	seg. hull color & ht.				
2200	"	7/11		"	

3806

B774A1-4-2-1-1-1

7/15

2201

-2

7/14

2202

P/p

-3

7/15

2203

-4

7/15

2204

-5

7/14

2205

3812

B774A1-4-2-3-2-1

7/13

2206

-2

7/15

2207

-3

7/15

2208

2209

-4

7/14

3812

2210

-5

7/16

2211

B774A1-4-2-5-3-1

7/13

3818

2212

-2

7/14

2213

-3

7/13

2214

-4

7/14

2215

-5

7/15

2216

B774A1-6-3-3-4-1

7/13

3835

82/651

27.4

-2

7/12

2217

-3

7/14

2218

-4

7/13

2219

-5

7/14

2220

B774M-19-5-3-2-1

3843

7/13

2221

-2

7/20

2222

-3

7/15

2223

-4

7/13

2224

2225

-5

7/18

2226

3774A1-24-1-4-3-1

7/11

3849

22.6

2227

-2

7/13

2228

-3

7/13

2229

-4

7/13

2230

-5

7/14

2231

3774A1-24-3-2-2-1

7/14

3854

82/301

IG-1 (4)

2232

-2

7/14

22.6

3854

-3

7/14

2233

fir

-4

7/14

2234

-5

7/14

2235

3774A1-24-3-4-2-1

3859

7/13

2236

22.7

-2

7/12

2237

-3

7/13

2238

-4

7/13

2239

-5

7/13

2240

2241

B774A1-BK-3-3-3-1

7/15

3870

2242

-2

7/14

2243

-3

7/15

2244

-4

7/15

2245

-5

7/14

2246

B774A1-BK-8-5-3-1

82/652

7/15

3876

IG-1(1,4)

2247

✓ 8/18

-2

7/17

22.2

2248

-3

7/16

3876

-4

7/15

2249

-5

7/16

2250

B774A1-Bk-17-4-2-1

3880

7/16

2251

82/654

IG-1(7)

-2

7/14

2252

20.8

bulked by error
no r/p

bk 8/11 ✓

-3

7/18

2253

-4

7/14

2254

-5

7/13

2255

B774A1-Bk-26-3-3-1

3886

7/1

2256

2257

-2

7/8

3886

2258

-3

7/8

✓
PIP

2259

-4

7/8

2260

-5

7/9

2261

B774A1-BK-26-3-1-3-1

7/10

3891

82/655

✓
PIP

IG-1 (1)

2262

-2

7/14

26.8

2263

-3

7/9

2264

-4

7/11

-5

3891

7/13

2265

B774A1-BK-26-3-3-2-1

3895

7/17

2266

82/1201

IG-1 (1)

-2

26.4

7/15

2267

-3

7/14

2268

-4

7/14

2269

P/P

-5

7/14

2270

B774A1-BK-72-1-5-1

3908

7/17

2271

82/656

IG-1 (2)

-2

22.1

7/16

2272

2273

-3

7/15

3908

2274

-4

7/17

2275

-5

7/15

✓ 81p

2276

B774A1-BK-86-3-3-1

7/10

3911

2277

-2

7/11

2278

-3

7/10

2279

-4

7/10

2280

-5

7/9

3916	B774A1-BK-96-1-3-1	7/10	2281
	-2	7/9	2282
	-3	7/10	2283
	-4	7/10	2284
	-5	7/10	2285
3921	B774A1-BK-96-3-3-1	7/9	2286
	-2	7/9	2287
	-3	7/9	2288

2289

-4

7/9

3921

2290

-5

7/9

2291

BT74A1-BK-105-1-3-1

7/9

3927

2292

-2

7/10

2293

-3

7/10

2294

-4

7/8

2295

-5

7/5

2296

BT74A1-BK-105-2-3-1

7/9

3932

82/657

IG-1(5)

3932

-2

7/5

2297

27.3

-3

7/8

2298

-4

7/9

2299

-5

7/8

2300

B774A1-B*-107-1-3-1

3947

7/10

2301

-2

7/11

2302

-3

7/13

2303

-4

7/10

2304

2305

-5

7/10

3947

2306

B774M1-BK-107-5-2-1

7/12

3952

82/659

IG-1(1)

2307

-2

7/10

22.5

2308

-3

7/8

right wing, vertical, external, 100%

2309

-4

7/11

2310

-5

7/11

2311

B774A1-BK-111-5-1-1

7/15

3961

82/660

IG-1(5)

2312

-2

7/17

19.9

3961

-3

7/16

2313

-4

7/14

2314

-5

7/14

2315

3975

B774A1-BK-118-1-5-1

7/15

2316

-2

7/13

2317

-3

7/14

2318

-4

7/11

2319

-5

7/10

2320

2321	B774A1-BK-138-2-5-1	7/12		3986
2322		-2 7/13		
2323		-3 7/11		
2324		-4 7/13		
✓ BIP				
2325		-5 7/13		
2326	BLMT	7/15		HR
bx 5/26				
2327	B774A1-BK-140-1-2-1	7/16		3993
2328		-2 7/17		

-3

7/18

2329

-4

7/18

2330

-5

7/15

2331

pip ✓

3997

B774A1-BK-147-5-1-1

7/19

2332

-2

7/15

2333

pip ✓

-3

7/17

2334

-4

7/19

2335

-5

7/15

2336

2337	B774A1-BK-153-1-3-1	7/12		4004	
	82/311				
	$\pm 82/35$			IG-1(1)	
2338		-2 7/12		23.5	
2339		-3 7/12			
✓ PIP					
2340		-4 7/11			
2341		-5 7/13			
2342	B774A1-BK-153-2-1-1-1	7/13		4007	
	82/1202			IG-1(1)	
2343		-2 7/12		21.1	
✓ PIP					
2344		-3 7/13			

4007

-4

7/12

2345

-5

7/12

2346

B774A1-BK-153-2-4-2-1

4013

7/12

2347

82/662

IG-1(1)

-2

7/11

21.5

2348

-3

7/13

2349

P/P

-4

7/13

2350

-5

7/14

2351

HR

LBNT

7/13

2352

BK 8/26

2353

B774A1-Bk-153-3-3-3-1

7/22

4019

2354

-2

7/20

2355

-3

7/21

2356

-4

7/23

2357

-5

7/20

2358

B774A2-1-2-1-1-1

7/12

4022

82/1205

IG-1 (5)

2359

-2

7/19

21.3

2360

-3

7/14

N & dupe

4022

-4

7/14

2361

p/p ✓

-5

7/15

2362

B774A2-1-2-5-1-1

4028

82/302

7/13

2363

p/p ✓

IG-1(4)

-2

22.1

7/14

2364

-3

7/18

2365

-4

7/17

2366

-5

7/14

2367

B774A2-1-2-5-4-1

4031

82/302

7/14

2368

IG-1(4)

2369

-2

7/15

4031

2370

-3

7/15

2371

-4

7/14

2372

-5

7/14

2373

LBLE

7/16

HR

2374

B774A2-5-3-5-1-1

7/19

4033

2375

-2

7/16

2376

-3

7/17

4033

-4

7/15

2377

-5

7/20

2378

4051

B774A2-13-4-5-4-1

82/132

7/11

2379

-2

7/14

2380

-3

7/13

2381

-4

7/12

2382

8p ✓

-5

7/12

2383

4055

B774A2-15-4-4-2-1

7/10

2384

2385

-2

7/11

2386

-3

7/11

2387

-4

7/11

2388

-5

7/11

2389

B774A2-15-4-5-4-1

7/10

4062

2390

-2

7/12

2391

-3

7/12

2392

-4

7/12

-5

7/13

2393

B774A2-25-1-4-1-1

4064

7/13

2394

-2

7/17

2395

-3

7/13

2396

P/P ✓

-4

7/16

2397

-5

7/13

2398

B774A2-25-5-2-1-1

4069

7/15

2399

-2

7/16

2400

P/P ✓

2401

-3

7/22

4069

2402

-4

7/14

2403

-5

7/19

2404

B774A2-27-2-3-5-1

7/19

4079

82/664

IG-1 (6)

2405

-2

7/19

27.1

2406

-3

7/18

✓
rip

2407

-4

7/18

2408

-5

7/19

4080

B774A2-27-3-4-1-1

7/11

2409

✓
P/P

-2

7/14

2410

-3

7/19

2411

-4

7/11

2412

-5

7/11

2413

4088

B774A2-BK-54-5-4-1

7/17

2414

✓
P/P

-2

7/23

2415

-3

7/16

2416

2417		-4 7/17		4088
2418		-5 7/17		
2419	B774A2-Bk-70-4-3-1	7/11		4092
2420		-2 7/10		20.1
2421		-3 7/11		
2422		-4 7/12		
2423		-5 7/11		
2424	NWRX bad PB bx size	7/23		121

B774A2-BK-70-4-4-1

4093

7/13

2425

82/1206

IG-1(6)

-2

7/11

2426

-3

7/13

2427

-4

7/11

2428

Pip

-5

7/12

2429

B774A2-BK-70-5-3-1

4097

7/19

2430

82/665

IG-1(4)

-2

7/23

2431

26.9

-3

7/22

2432

2433

✓ p/p

7/18

-4

✓
4097

2434

7/18

-5

2435

B774A2-BK-73-2-3-1

82/106

7/12

4102

2436

7/12

-2

2437

7/12

-3

2438

some what variable
across time!
Entry 6

7/10

-4

2439

7/11

-5

✓
p/p
2440

B774A2-BK-73-2-5-1

82/106

7/12

4104

-2

7/14

2441

-3

7/13

2442

-4

7/13

2443

✓
Pp

-5

7/13

2444

B774A2-BK-74-4-4-1

4108

7/14

2445

-2

7/14

2446

-3

7/15

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B774A2-Bx-87-5-2-1

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B774A2-BK-87-5-4-1

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B774A2-BK-92-3-1-1

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IG-1(1)

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B774A2-BK-92-3-4-1

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B774A2-BK-92-5-4-1

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4129

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B774A2-BK-95-2-4-1

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2489

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3774A2-BK-120-5-4-1

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2497	BT74A2-BK-134-BK-2-2-1	7/8	4163
2498		7/8	-2
2499		7/8	-3
2500		7/8	-4
2501		7/11	-5
2502	BT74A2-BK-134-BK ₂ -1-1	7/10	4167
2503		7/8	-2
2504		7/10	-3

4167

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2505

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2506

4173

B774A2-BK-135-4-1-1

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B774A2-BK-156-1-1-1

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B774A2-BK-156-3-1-1

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B774A2-BK-156-3-4-1

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IG-1 (4)

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B774A2-BK-161-3-1-1

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2529		7/12		4193	
			-3		
2530		7/11			
			-4		
2531		7/15			
			-5		
2532		7/9			
2533	B774A2- Bk-161- Bk-2-4-1	7/10		4201	
			-2		
2534		7/11			
			-3		
2535		7/9			
			-4		
2536		7/10			

4201

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B774A2-BK-164-3-4-1

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B774A2-BK-166-5-5-1

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2548

B174A2-BK-180-4-4-1

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4227

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IG-1 (4)

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B774A2-BK-185-3-1-1

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IG-1(6)

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B774A2-BK-192-3-2-1

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2561		7/17	-3	4240
2562		7/12	-4	
✓ pip				
2563		7/12	-5	
2564	B774A2-BK-199-2-5-1 82/1211	7/15		4248 IG-1(4)
2565		7/13	-2	22.2
2566		7/13	-3	
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2567		7/12	-4	
2568		7/14	-5	

B774A2-BK-199-4-3-1

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IG-1(5)

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B774A2-BK-202-1-2-1

4256

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4256

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B774A2-BK-208-3-4-1

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4263

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IG-1 (4)

2581

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4266	B774A2-BK-208-S-2-1	7/14	2585
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	-4	7/11	2588
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	-5	7/15	2589
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4278	B774A2-BK-208-1-4-3-1	7/11	2590
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4293

B774A2-BK-208-2-4-3-1

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B774A2-BK-218-2-4-1

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2616

B774A2-BK-218-2-2-3-1

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4323

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IG-1(4)

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4331

B774A2-BK-218-3-2-5-1

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2621

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IG-1(4)

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2627

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B774A2-BK-225-3-1-1

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B774A2-BK-226-3-2-1

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2641		-5	7/14	4343
2642	B774A2-BK-227-5-5-1		7/17	4351
2643		-2	7/18	
2644		-3	7/17	
2645		-4	7/17	
2646		-5	7/26	
2647	B774A2-BK-230-1-3-5-1		7/14	4357
2648		-2	7/10	

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Biggs

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B774A2-BK-230-3-BK-5-1

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B774A2-BK-230-5-4-1

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B774A2-BK₂-2-1-4-2-1

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2674

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B774A2-Bk₂-3-2-1-2-1

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4402

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IG-1(4)

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B774A2-Bk₂-3-2-4-4-1

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B774A2 - Bk₂ - 3-3-Bk-4-1

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IG-1 (5)

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B774A2 - Bk₂ - 3-4-1-1

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B774A2-Bk₂-8-3-2-5-1

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B774A2-Bk₂-11-4-5-1

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B774A2-Bk₂-13-1-3-1

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TG-1 (5)

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BT74A2-BK₂-16-BK-1-5-1

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IG-1(1)

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B774A2-Bk₂-18-5-4-1

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B774A2-Bk₂-22-1-1-3-1

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IG-1(5)

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B774A2-Bk₂-22-1-Bk-1-1

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BT74A2 - BK₂ - 22-3-3-5-1

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4534	B774A2-BK ₂ -26-5-4-5-1	7/22	2761
		-2 7/18	2762
		-3 7/13	2763
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4537	B774A2-BK ₂ -28-1-3-1	7/23	2766
IG-1(4)	82/679		
22.6		-2 7/23	2767
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B774A2-Bk₂-28-1-4-1
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IG-1(6)

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P/P

2785		-4	7/11	4547
2786		-5	7/11	
2787	B774A2-Bk ₂ -32-Bk ₂ -4-1		7/22	4564
2788		-2	7/21	
2789		-3	7/15	
2790		-4	7/19	
2791		-5	7/17	
2792	B774A2-Bk ₂ -33-3-3-1		7/10	4568
	82/331			IG-1 (5)

4568

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B774A2-Bk₂-33-1-Bk-1-1

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IG-1 (4)

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B774A2-Bk₂-33-3-4-4-1

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BT74A2 - Box₂ - 33-3-Box-5-1

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B774A2-Bk₂-44-1-1-1-1

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B774A2-Bk₂-41-1-1-5-1

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4601

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B774A2-BK₂-43-5-5-1

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B774A2-Bk₂-45-1-3-1

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B774A2-Bk₂-48-3-2-1

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2849

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bK 8126

2854

BT74A2-BK₂-54-3-4-1

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B774A2-BK₂-53-1-2-5-1

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B174A2-BK₂-53-BK-2-5-1

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IG-1 (4)

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B774A2-BK₂-53-BK₂-5-1

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B774A2-BK₂-54-2-4-1

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BT74A2-BK₂-60-1-4-1

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2886

-2

7/20

2887

-3

7/19

2888

-4

7/19

4662

-5

7/20

2889

B774A2-Bk₂-60-1-5-1

4663

7/13

2890

-2

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2891

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7/11

2892

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7/5

2893

-5

7/9

2894

B774A2-Bk₂-65-2-4-1

4672

7/13

2895

82/686

EG-1(4)

-2

7/13

2896

26.8

2897

7/13

-3

4672

2898

7/13

-4

2899

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-5

2900

BT74A2 - Bk₂ - 65 - 2-3-5-1

7/10

4679

2901

7/17

-2

2902

7/18

-3

2903

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2904

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-5

BT74A2-BK₂-65-3-1-5-1

4684

7/18

2905

25.1

-2

7/22

2906

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2907

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2908

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2909

BT74A2-BK₂-65-3-4-2-1

4686

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2910

26.6

-2

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2911

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2912

2913

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4686

2914

-5

7/29

2915

B774A2-BK₂-65-5-3-1

7/22

4692

82/688

IG-1 (4)

2916

-2

7/21

28.0

2917

-3

7/13

2918

-4

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2919

-5

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2920

B774A2-BK₂-68-2-3-1

7/23

4697

26.8

4697

-2

7/25

2921

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2922

-4

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2923

-5

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2924

CI 9902

2563

7/29

2925

b1c 8/26

B774A2-BK₂-80-2-4-1

4718

7/14

2926

-2

7/17

2927

-3

7/22

2928

2929

-4

7/18

2930

-5

7/18

2931

B774A2-Bk₂-86-2-3-4-1

7/14

4723

82/689

IG-1 (4)

2932

-2

7/14

21.9

2933

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2934

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2935

-5

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2936

B774A2-Bk₂-96-Bk-1-3-1

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4728

20.6

-2

4728

7/11

2937

-3

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2938

-4

7/12

2939

-5

7/10

2940

B774A2-Bk₂-46-Bk₂-4-1

4734

7/12

2941

21.8

-2

7/11

2942

-3

7/12

2943

-4

7/10

2944

2945

-5

7/12

4734

2946

B774A2-BK₂-102-1-5-1

7/11

4740

82/303

IG-1(4)

2947

-2

7/11

22.4

✓
PK

2948

-3

7/12

2949

-4

7/12

2950

-5

7/11

2951

B774A2-BK₂-102-4-3-1

7/10

4743

22.6

2952

-2

7/11

✓
PK

-3

7/12

2953

-4

7/13

2954

-5

7/12

2955

B774A2-Bk₂-105-1-3-1

4748

7/15

2956

82/690

IG-1(4)

-2

7/14

2957

22.6

-3

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2958

-4

7/18

2959

-5

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2960

2961	CP 231	7/23	2151-60
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bx 8216

2962	B774A2-BK ₂ -105-3-2-3-1 ± 82/109	7/14	4759 23.4
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2963		7/15	-2
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2964		7/14	-3
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2965		7/17	-4
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2966		7/14	-5
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2967	B774A2-BK ₂ -118-5-2-1	7/14	4763
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2968		7/10	-2
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4763

-3

7/22

2969

-4

7/13

2970

-5

7/17

2971

BT74A2-BK₂-121-2-1-1

4767

7/25

2972

82/691

IG-1(4)

-2

7/25

2973

22.7

-3

7/19

2974

-4

7/24

2975

-5

7/23

2976

2977	BLMT	7/17	HR
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bx 8/26

2978	BT74A2-BK ₂ -121-2-5-1	7/22	4771
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2979	-2	7/23	
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2980	-3	7/24	
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2981	-4	7/24	
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2982	-5	7/24	
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2983	BT74A2-BK ₂ -123-5-5-1	7/29	4776
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2984	-2	7/26	
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4776

-3

7/29

2985

-4

7/29

2986

-5

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2987

BT74A2-BK₂-125-3-4-1

4781

7/16

2988

82/321

IG-1 (6)

25.8

-2

7/17

2989

-3

7/15

2990

-4

7/15

2991

-5

7/15

2992

xl. uniform across

2993

B774A2-BK₂-133-5-2-1

7/14

4789

2994

-2

7/14

2995

-3

7/17

2996

-4

7/14

2997

-5

7/17

2998

B774A2-BK₂-133-5-5-1

7/18

4792

$\pm 82/100$

2999

-2

7/12

3000

-3

7/17

4792

-4

7/22

3001

-5

7/25

3002

B774A2-BK₂-133-BK-4-2-1

4794

7/16

3003

82/692

IG-1(4)

26.6

-2

7/25

3004

-3

7/21

3005

date

-4

7/25

3006

-5

7/20

3007

pip ✓

B774A2-BK₂-138-1-5-1

4812

7/17

3008

3009		-2 7/15	4812
3010		-3 7/14	
3011		-4 7/17	
3012		-5 7/15	
3013	BT74A2-BK ₂ -141	-3-4-1 7/25	4827 21.0
3014		-2 7/19	
3015		-3 7/15	
3016		-4 7/19	

-5

7/17

3017

BT74A2-BK₂-144-2-2-1

4830

7/14

3018

-2

7/14

3019

-3

7/14

3020

-4

7/15

3021

-5

7/19

3022

LEAH

26

7/20

3023

bk 8/26

BT74A2-BK₂-144-3-3-1

4836

7/10

3024

p/p

3025		7/11	-2	4836	
3026		7/13	-3		
3027		7/15	-4		
3028		7/15	-5		
3029	B774A2-BK ₂ -149-2-3-3-1 82/1215	7/17		4841 IG-1 (6)	
3030		7/20	-2	26.2	
3031		7/17	-3		
3032		7/16	-4		
✓ 9/p					

4841

-5

7/11

3033

4848

B774A2-BK₂-149-3-1-5-1

7/23

3034

82/694

IG-1(3)

-2

7/24

27.4

3035

-3

7/24

3036

-4

7/16

3037

-5

7/22

3038

4854

B774A2-BK₂-149-4-5-1

7/18

3039

82/695

IG-1(3)

-2

7/21

3040

9/p

3041

-3

7/21

4854

3042

-4

7/16

3043

-5

7/23

3044

B774A2-BK₂-150-3-5-1

7/18

4859

82/696

IG-1 (4)

3045

-2

7/12

26.3

3046

-3

7/12

✓
P/e

variable
recess
rough

3047

-4

7/13

3048

-5

7/15

HR

LBLE

7/8

3049

bx 8/26

4871

B774A2-BK₂-154-2-BK-2-1

7/12

3050

82/697

IG-1(3)

25.7

-2

7/12

3051

✓
p/p

-3

7/13

3052

-4

7/15

3053

-5

7/13

3054

4877

B774A2-BK₂-157-4-2-1

7/18

3055

-2

7/14

3056

p/p

3057

-3

7/15

25.7

3058

-4

7/14

3059

-5

7/19

3060

B774A2-BK₂-171-3-4-1

7/18

4884

82/698

IG-1(1)

3061

-2

7/15

25.7

3062

-3

7/18

3063

-4

7/14

✓
PK
3064

-5

7/14

4888

B774A2-Bk₂-171-Bk-3-3-1

±

82/118

7/11

3065

-2

7/13

3066

-3

7/12

3067

-4

7/11

3068

-5

7/10

3069

✓
P/P

4892

B774A2-Bk₂-177-Bk-4-2-1

7/10

3070

-2

7/13

3071

-3

7/9

3072

✓
P/P

3073		-4	7/13	4892	
3074		-5	7/15		
3075	NWRX		7/15	BR	
	bk 8/26				
3076	BT74A2-Bx ₂ -183-5-3-1		7/11	4928	
	82/1217			IG-1(4)	
3077		-2	7/12	22.1	
	✓ P/P				
3078		-3	7/13		
3079		-4	7/12		
3080		-5	7/12		

4947 B774A2-BK₂-195-3-2-1 7/11 3081

-2 7/11 3082

-3 7/15 3083

-4 7/11 3084

-5 7/13 3085

4951 B774A2-BK₂-197-1-2-1 7/23 3086

82/1218

IG-1(1)

-2 7/17 3087

27.0

-3 7/15 3088

✓

3089

-4

7/20

4951

3090

-5

7/18

3091

B774A2-BK₂-197-3-3-1

7/25

4956

27.0

3092

-2

7/19

3093

-3

7/17

p/p

3094

-4

7/21

3095

-5

7/18

3096

B774A2-BK₂-197-BK-4-3-1

7/20

4964

27.2

-2

7/18

3097

✓

-3

7/18

3098

-4

7/19

3099

-5

7/19

3100

B774A2-BK₂-197-3-4-1-1

4966

7/17

3101

28.1

-2

7/22

3102

-3

7/20

3103

-4

7/20

3104

P/P

3105		-5	4966
		7/24	
3106	B774N2-BK ₂ -197-3-BK-2-1	7/23	4971
	82/1219		IG-1(1)
3107		-2	26.3
		7/18	
3108		-3	
		7/22	
3109		-4	
		7/23	
3110		-5	
		7/24	
3111	B774A1-BK-8-5-1-2-1	7/19	5208
3112		-2	
		7/16	

5208

-3

7/16

3113

-4

7/24

3114

-5

7/20

3115

B774A1-BK-8-5-1-5-1

5211

7/19

3116

21.2

-2

7/20

3117

-3

7/26

3118

-4

7/17

3119

tip

-5

7/18

3120

3121

BT74A1-BK-8-5-3-4-1

82/653

7/20

5218

IG-1(3)

3122

-2

7/20

21.6

3123

-3

7/20

3124

-4

7/19

3125

-5

7/24

3126

LBNT

7/15

HR

3127

BT74A2-BK-92-3-BK-1

7/18

5222

3128

-2

7/8

-3

7/14

3129

-4

7/12

3130

-5

7/21

3131

B774A2-BK-120-5-BK-1

5228

7/12

3132

-2

7/17

3133

-3

7/14

3134

-4

7/19

3135

-5

7/20

3136

3137

B774A2-BK-199-2-2-2-1

82/663

7/21

5231

IG-1(4)

3138

-2

7/15

21.6

3139

-3

7/15

3140

-4

7/15

3141

-5

7/15

3142

B774A2-BK-199-4-1-4-1

7/14

5238

19.6

3143

-2

7/18

3144

-3

7/14

5238

-4

7/14

3145

P/P ✓

-5

7/14

3146

BT74A2-BK-199-4-3-3-1

5242

7/14

3147

-2

7/14

3148

P/P ✓

-3

7/14

3149

-4

7/13

3150

-5

7/13

3151

R07603015

HR

7/17

3152

bx 8/26

3153

B774A2-Bk-202-1-Bk-1

7/18

5247

3154

-2

7/12

3155

-3

7/13

3156

-4

7/14

3157

-5

7/11

3158

B774A1-Bk-26-3-1-1-3-1

7/18

5251

3159

-2

7/17

3160

-3

7/19

5251

-4

7/23

3161

-5

7/17

3162

B774A1-BK-26-3-1-3-4-1

5257

7/10

3163

P/P ✓

-2

7/10

3164

-3

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3165

-4

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3166

-5

7/14

3167

B774A1-BK-26-3-3-BK-3-1

5261

7/20

3168

3169

B774A1-BK-26-3-3-BK-3-2

7/19

5261

3170

-3

7/11

3171

-4

7/18

3172

-5

7/18

3173

RU7901045

7/18

45

bx 8/26

3174

B774A1-BK-153-2-1-3-4-1

7/14

5267

3175

-2

7/14

3176

-3

7/13

5267

-4

7/14

3177

✓
pip

-5

7/15

3178

B774A1-BK-153-2-4-2-4-1

5272

7/13

3179

✓

IG-1(1)

82/1203

pip

23.0

-2

7/13

3180

-3

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3181

-4

7/13

3182

-5

7/13

3183

B774A1-BK-153-2-4-3-3-1

5277

7/13

3184

24.0

3185

B774A1-BK-153-2-4-3-3-2

7/13

5277

3186

7/13

-3

3187

7/10

-4

3188

7/14

-5

3189

B774A1-BK-153-3-3-1-4-1

7/29

5283

82/1204

IG-1(1)

3190

7/17

-2

28.2

3191

7/24

-3

3192

7/23

-4

-5

7/19

3193

B774A1-BK-153-3-3-5-1

5289

7/26

3194

29.0

-2

7/23

3195

-3

7/20

3196

-4

7/19

3197

-5

7/18

3198

SSD/SSS

9821

7/26

3199

BK 8/26

13-D

2353

7/30

3200

BK 8/26

Date seeded : 4/9/82

3201

B774A2-BK-218-2-2-1-3-1

7/27

5292

82/670

IG-1(4)

3202

-2

7/23

28.6

3203

-3

7/27

3204

-4

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3205

-5

7/23

3206

B774A2-BK-218-2-2-2-3-1

7/27

5297

28.8

3207

-2

7/17

3208

-3

7/30

5297

-4

8/5

3209

-5

8/1

3210

5304

B774A2-BK-218-2-2-3-5-1

8/9

3211

-2

7/22

3212

-3

7/30

3213

-4

8/1

3214

-5

7/26

3215

5307

B774A2-BK-218-3-2-1-3-1

7/29

3216

3217

B774A2-Bk-218-3-2-1-3-2

7/20

5307

3218

-3

7/25

3219

-4

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3220

-5

7/26

3221

B774A2-Bk-218-3-2-2-3-1

7/28

5312

3222

-2

7/19

3223

-3

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3224

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7/27

5312

-5

8/1

3225

HR

RV8003043

7/30

3226

5318

B774A2-BK-218-3-2-3-4-1

7/30

3227

27.9

-2

8/1

3228

-3

7/18

3229

-4

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3230

-5

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3231

5324

B774A2-BK-218-3-3-1-5-1

7/22

3232

3233

B774A2-BK-218-3-3-1-5-2

7/18

5324

3234

7/27

-3

3235

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-4

3236

7/22

-5

3237

B774A2-BK-218-3-3-3-3-1

7/22

5328

82/673

IG-1 (4)

3238

8/1

-2

29.0

3239

7/30

-3

3240

7/18

-4

5328

-5

7/30

3241

5333

B774A2-BK₂-3-1-1-1-3-1

7/22

3242

82/674

IG-1(4)

27.6

-2

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3243

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7/26

3244

-4

7/26

3245

-5

7/26

3246

5337

B774A2-BK₂-3-1-1-2-2-1

7/30

3247

26.7

-2

7/29

3248

3249	B774A2-Bk ₂ -3-1-1-2-2-3	7/25	5337
3250		7/29	-4
3251		7/30	-5
3252	RU8003005	7/11	5
3253	B774A2-Bk ₂ -3-1-1-3-3-1	7/23	5343
3254		7/24	-2
3255		7/23	-3
3256		7/24	-4

bk 8/27

27.0

5343

-5

7/22

3257

5348

B774A2-BK₂-45-BK-2-BK-3-1

7/20

3258

82/683

IG-1(4)

26.6

-2

7/23

3259

-3

7/23

3260

-4

7/20

3261

-5

7/23

3262

5349

B774A2-BK₂-45-BK-2-BK-4-1

7/8

3263

82/684

IG-1(4)

e/f

22.1

-2

7/15

3264

3265

B774A2-Bk₂-45-Bk-2-Bk-4-3

7/14

5349

3266

7/15

-4

3267

7/10

-5

3268

B774A2-Bk₂-105-3-2-Bk-1

7/15

5353

22.9

3269

7/20

-2

3270

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3271

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-4

3272

7/18

-5

LEAH

26

7/15

3273

bk 8/27

B774A2-Bk₂-149-2-3-Bk-1

5357

7/21

3274

25.9

-2

7/19

3275

-3

7/19

3276

✓

p/p

-4

7/21

3277

-5

7/23

3278

B774A2-Bk₂-154-2-1-2-3-1

5360

7/13

3279

-2

7/11

3280

p/p

✓

3281

B774A2-Bk₂-154-2-1-2-3-3

7/10

5360

3282

7/13

-4

3283

7/13

-5

3284

B774A2-Bk₂-154-2-Bk-2-3-1

7/24

5365

24.9

3285

7/14

-2

3286

7/30

-3

3287

7/24

-4

3288

7/19

-5

B774A2-Bk₂-154-2-Bk-3-5-1

5372

7/14

3289

82/1216

IG-1(5)

-2

22.2

7/12

3290

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7/14

3291

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3292

-5

7/14

3293

B774A2-Bk₂-197-Bk-3-1-1-1

5374

7/18

3294

82/699

IG-1(4)

-2

22.2

7/21

3295

-3

7/22

3296

3297

✓ ep

B774A2-Bk₂-197-Bk-3-1-1-4

7/14

5374

3298

-5

7/10

3299

B774A2-Bk₂-197-Bk-3-2-5-1

7/11

5383

21.0

3300

-2

7/10

3301

-3

7/11

3302

-4

7/23

3303

-5

7/14

3304

B774A2-Bk₂-197-Bk-4-Bk-1

7/17

5385

82/700

IG-1(1)

5385

-2

7/25

3305

29.1

-3

7/25

3306

-4

7/20

3307

-5

7/11

3308

PI 408449

2452

7/23

3309

B767A1-3-2-1-1

8867

82/1220

7/12

3310

IG-1(7)

-2

7/13

22.3

3311

P/P

-3

7/11

3312

3313

B767A1-3-2-1-4

7/11

8867

3314

-5

7/12

3315

B767A1-16-3-1-1

7/11

8873

82/701

IG-1 (2)

3316

-2

7/11

23.9

3317

-3

7/13

✓ P/R

3318

-4

7/14

3319

-5

7/14

3320

B767A1-27-5-1-1

7/10

8879

8879

-2

7/8

3321

-3

7/9

3322

-4

7/11

3323

p/p ✓

-5

7/10

3324

B767A1-51-2-1-1

8894

82/ 702

7/12

3325

IG-1(1)

23.8

-2

7/12

3326

-3

7/12

3327

-4

7/14

3328

p/p ✓

3329

-5

7/14

8894

3330

B767A1-75-2-3-1

7/12

8905

3331

-2

7/14

3332

-3

7/11

3333

-4

7/9

3334

-5

7/11

3335

B767A1-80-3-3-1

7/13

8911

82/703

IG-1(4)

3336

-2

7/15

275

8911

-3

7/18

3337

-4

7/22

3338

-5

7/15

3339

B767A1-95-1-2-1

8919

7/11

3340

-2

7/8

3341

-3

7/11

3342

-4

7/8

3343

✓
P/P

-5

7/6

3344

3345

B767A2-1-7-3-2-1

7/15

8923

3346

-2

7/23

3347

-3

7/23

3348

-4

7/20

3349

-5

7/18

3350

76/1227-1

7/8

2564

bis 8/27

3351

B767A2-1-9-3-2-1

7/9

8926

3352

-2

7/10

8926

-3

7/12

3353

-4

7/9

3354

✓

P/P

-5

7/9

3355

B767A2-3-4-3-2-1

8935

7/12

3356

82/105

IG-1 (1)

-2

7/14

22.5

3357

-3

7/11

3358

✓

P/P

-4

7/11

3359

-5

7/11

3360

3361

B767A2-4-5-2-3-1

82/1221

7/10

8939

IG-1 (2)

3362

-2

7/11

22.5

3363

-3

7/12

3364

-4

7/12

3365

-5

7/12

3366

B767A2-5-1-1-3-2-1

7/12

8941

3367

-2

7/13

3368

-3

7/14

8941

-4

7/12

3369

-5

7/14

3370

8943

B76TA2-5-4-Bk-3-1-1

7/15

3371

-2

7/18

3372

-3

7/19

3373

-4

7/19

3374

-5

7/20

3375

4875

76/1309-1

7/25

3376

3377

B767A2-5-9-3-2-1

7/20

8947

3378

-2

7/12

3379

-3

7/14

3380

-4

7/16

3381

-5

7/20

3382

B767A2-7-2-BK-1-3-1

7/11

8951

82/1222

IG-1 (8)

3383

-2

7/15

27.6

3384

-3

7/13

✓ eye

8951

-4

7/14

3385

-5

7/15

3386

B767A2-8-1-4-2-2-1

8954

82/706

7/12

3387

IG-1(6)

-2

7/13

23.5

3388

-3

7/10

3389

✓
8/8

-4

7/11

3390

-5

7/13

3391

B767A2-8-3-5-BK₂-2-1

8957

7/20

3392

3393

-2

7/22

8957

3394

-3

7/23

✓
P/e

3395

-4

7/26

3396

-5

7/27

3397

B767A2-8-5-1-BK-3-2-1

7/28

8960

27.1

3398

-2

8/3

3399

-3

7/26

3400

-4

7/29

8960

-5

7/23

3401

8962

B767A2-8-5-1-BK-4-1-1

7/23

3402

23.6

-2

7/20

3403

-3

7/21

3404

-4

7/14

3405

-5

7/19

3406

8967

B767A2-12-9-1-3-1

7/13

3407

27.8

rip

-2

7/15

3408

3409

-3

7/17

8967

3410

-4

7/17

3411

-5

7/17

3412

B767A2-12-9-3-2-1

7/10

8969

3413

-2

7/11

3414

-3

7/11

3415

-4

7/11

3416

-5

7/11

8971	B767A2-13-2-3-1-1	7/11	3417
	-2	7/11	3418
	-3	7/11	3419
	-4	7/11	3420
	-5	7/5	3421
8978	B767A2-18-2-1-1-1	7/17	3422
IG-1 (4)	82/707		
22.9	-2	7/17	3423
	-3	7/17	3424

PIP ✓

3425			-4 7/19		8978
3426			-5 7/23		
3427	LBLE		7/7		HR
3428	BT67A2-19-1-4-1-1-1		7/12		8984
3429			-2 7/11		
3430			-3 7/13		
3431			-4 7/13		
3432			-5 7/10		

8998 B767A2-21-5-1-3-3-1

7/14

3433

-2

7/15

3434

P/p ✓

-3

7/16

3435

-4

7/13

3436

-5

7/14

3437

9006 B767A2-21-9-2-2-1

7/14

3438

-2

7/12

3439

-3

7/12

3440

tail empty normally

3441

-4

7/12

9006

3442

-5

7/11

3443

B767A2-22-2-5-3-2-1

7/25

9009

82/708

IG-1(4)

3444

-2

7/26

27.1

3445

-3

7/25

3446

-4

7/26

3447

-5

7/25

3448

LBNT

7/17

HR

br 8/27

B767A2-22-5-1-1-2-1

9012

7/21

3449

82/332

IG-1 (1)

-2

28.5

7/21

3450

-3

7/19

3451

P/P ✓

-4

7/20

3452

-5

7/21

3453

B767A2-22-8-2-2-1

9015

7/16

3454

-2

28.6

7/20

3455

-3

7/20

3456

3457

-4

7/17

9015

3458

-5

7/18

3459

BT67A2-24-3-4-2-2-1

7/27

9018

3460

-2

7/27

3461

-3

7/19

3462

-4

8/1

3463

-5

7/23

3464

BT67A2-25-2-2-3-1

7/18

9022

9022

-2

7/18

3465

✓
P/P

-3

7/17

3466

-4

7/18

3467

-5

7/15

3468

B767A2-25-2-3-2-1

9025

7/15

3469

-2

7/15

3470

-3

7/19

3471

-4

7/14

3472

✓
P/P

3473

-5

7/18

9025

3474

RU7901045

7/18

45

bx 8/27

3475

B767A2-25-4-3-1-1

7/14

9027

3476

-2

7/13

3477

-3

7/15

✓ PIP

3478

-4

7/13

3479

-5

7/11

3480

B767A2-29-4-2-BK-3-2-1

7/21

9034

9034

-2

7/20

3481

-3

7/20

3482

-4

7/21

3483

-5

7/16

3484

9036

B767A2-30-2-4-1-3-1-1

7/23

3485

25.9

-2

7/19

3486

-3

7/18

3487

-4

7/17

3488

P/A ✓

3489

-5

7/24

9036

3490

B767A2-30-2-4-2-Bk-1-1

7/25

9039

82/710

IG-1 (1)

3491

-2

7/24

29.0

3492

-3

7/23

3493

-4

7/27

3494

-5

7/23

3495

B767A2-32-10-2-1-1

7/19

9013

3496

-2

7/25

-3

7/22

3497

-4

7/27

3498

-5

7/25

3499

9079

BT67A2-32-10-3-3-1

7/22

3500

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

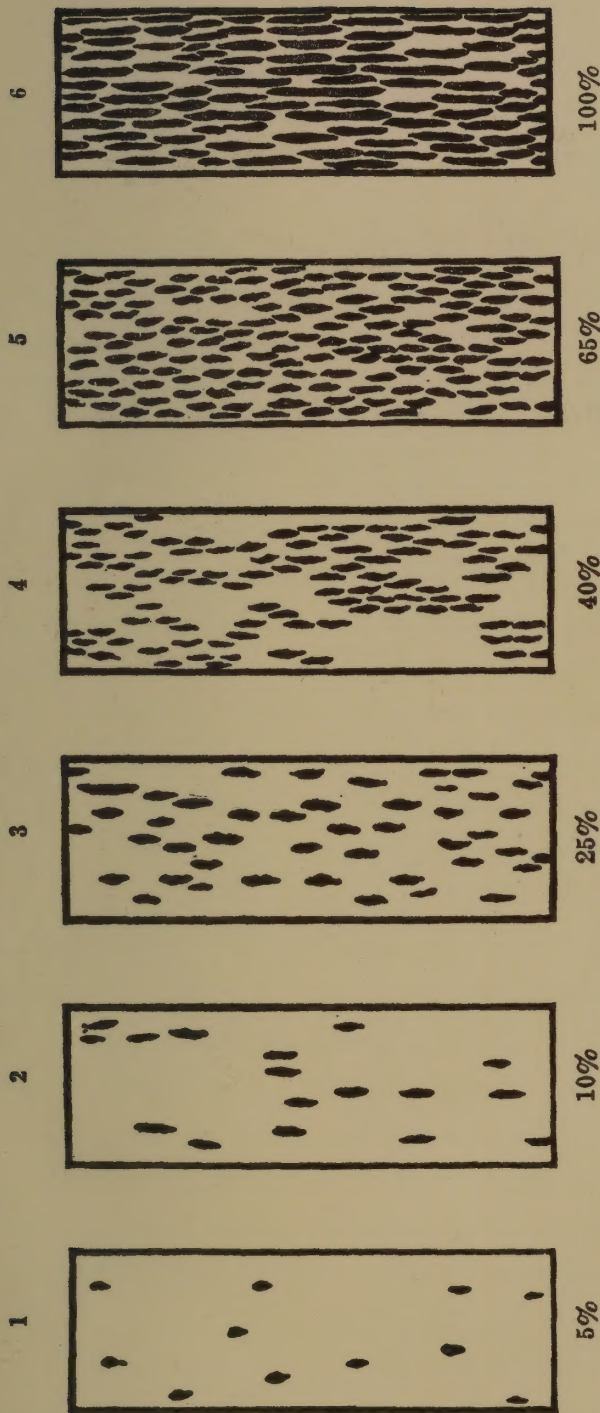


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

3501	BT6TA2-32-10-3-3-2	7/14	9079
3502		-3 7/13	
3503		-4 7/15	
3504		-5 7/14	
✓ PIP			
3505	BT6TA2-34-3-2-2-3-1	7/14	9082
	82/711		IG-1(4)
3506		-2 7/14	27.4
3507		-3 7/17	
3508		-4 7/12	

9082

-5

7/14

3509

p/p

B767A2-34-3-4-2-2-1

9084

7/19

3510

-2

7/18

3511

-3

7/16

3512

-4

7/19

3513

-5

7/17

3514

B767A2-34-4-BK-3-2-1

9087

7/19

3515

-2

7/14

3516

3517	-3	7/15	9087
------	----	------	------

3518	-4	7/18	
------	----	------	--

3519	-5	7/17	
------	----	------	--

3520	B767A2-34-5-2-1-1-1	7/21	9089
------	---------------------	------	------

3521	-2	7/19	
------	----	------	--

3522	-3	7/19	
------	----	------	--

3523	-4	7/16	
------	----	------	--

3524	-5	7/22	
------	----	------	--

BR	NWRX		7/18	3525
				br 8/27
9093	B767A2-34-8-1-2-1		7/18	3526
		-2	7/20	3527
		-3	7/19	3528
		-4	7/18	3529
		-5	7/11	3530
				✓ P/P
9107	B767A2-37-1-2-2-1-1		7/7	3531
	82/304			
IG-1(4)				
27.1		-2	7/8	3532

3533

✓
pip

-3

7/5

9107

very early morning

3534

-4

7/7

3535

-5

7/9

3536

B767A2-39-5-1-3-2-1

7/11

9114

22.5

3537

-2

7/11

✓
pip

3538

-3

7/14

3539

-4

7/9

3540

-5

7/8

BT67A2-39-5-BK-1-3-1

9118

7/12

3541

-2

7/14

3542

-3

7/13

3543

✓
P1p

-4

7/15

3544

-5

7/12

3545

BT67A2-39-10-2-3-1

9121

7/8

3546

-2

7/11

3547

-3

7/11

3548

3549

-4

7/9

9/21

3550

-5

7/9

3551

BLMT

7/14

HR

bk 8/27

3552

B767A2-40-7-1-3-1

7/15

9/28

82/712

IG-1 (3)

3553

-2

7/18

23.3

3554

-3

7/17

3555

-4

7/11

3556

-5

7/18

B767A2-41-1-3-1-1

9129

7/18

3557

82/713

IG-1(1)

-2

7/22

3558

27,9

✓
p/p

-3

7/17

3559

-4

7/20

3560

-5

7/17

3561

B767A2-46-3-2-3-1

9134

7/9

3562

-2

7/8

3563

✓
p/p

-3

7/10

3564

3565

-4

7/9

3566

-5

7/10

3567

B767A2-48-3-4-BK₂-3-1

7/12

9140

3568

-2

7/13

3569

-3

7/13

3570

-4

7/12

3571

-5

7/13

3572

B767A2-48-7-2-2-1

7/18

9142

82/715

IG-1 (1)

9142

-2

7/17

3573

28.1

-3

7/22

3574

-4

7/23

3575

-5

7/19

3576

HR

RV7603015

7/14

3577

bx 8/27

9146

B767A2-48-10-3-3-1

7/17

3578

-2

7/17

3579

✓
PIP

-3

7/17

3580

3581

RU7603015

-4

7/19

9148

3582

-5

7/17

3583

BT67A2-50-5-1-2-1

7/11

9148

82/1225

IG-1(1)

3584

-2

7/11

23.5

3585

-3

7/11

3586

-4

7/11

3587

-5

7/11

✓ 914

3588

BT67A2-51-2-1-3-1

7/12

9153

82/716

IG-1(3)

FLP

3597

-5

7/11

9154

3598

B767A2-54-1-2-2-1

7/21

9161

3599

-2

7/20

✓ Pip

3600

-3

7/17

3601

-4

7/20

3602

-5

7/17

3603

B767A2-54-2-3-2-1

7/11

9164

82/1226

IG-1 (8)

3604

-2

7/10

27.0

9164

-3

7/14

3605

-4

7/13

3606

-5

7/13

3607

B767A2-56-1-1-2-1

9167

7/11

3608

82/1227

IG-1(5)

-2

7/11

3609

26.1

-3

7/11

3610

P1p

-4

7/11

3611

-5

7/11

3612

3613	B767A2-56-4-2-2-3-1 82/1228	7/8		9174 18-1(3)
3614		-2 7/9		23.5
3615	✓ pip	-3 7/8		
3616		-4 7/9		
3617		-5 7/9		
3618	B767A2-56-4-3-4-1-1	7/4		9176 27.4
3619		-2 7/15		
3620	✓ pip	-3 7/13		

9176

-4

7/15

3621

-5

7/13

3622

BBLE

2544

7/12

3623

bis 8/27

B767A2-57-4-1-1-BK-3-1

9181

7/20

3624

✓
PIP

-2

7/11

3625

-3

7/18

3626

-4

7/17

3627

-5

7/13

3628

BT67A2-57-4-1-3-2-3-1

3629

7/19

9187

3630

-2

7/20

3631

-3

7/17

3632

-4

7/11

3633

-5

7/17

BT67A2-57-8-1-2-1

3634

7/11

9192

82/718

IG-1(4)

3635

-2

7/10

23.6

3636

-3

7/8

9192

-4

7/18

3637

-5

7/11

3638

9196

B767A2-61-1-1-3-3-1

7/14

3639

23.8

-2

7/15

3640

-3

7/15

3641

-4

7/14

3642

✓
P/P

-5

7/15

3643

9198

B767A2-61-1-3-1-2-2-1

7/14

3644

3645

-2

7/14

9198

3646

-3

7/17

3647

-4

7/14

✓
pp

3648

-5

7/14

3649

BLPT

7/18

2545

bic 8/27

3650

B767A2-61-1-3-1-BK-1-1

7/14

9201

3651

-2

7/18

3652

-3

7/14

9201

-4

7/14

3653

P/P ✓

-5

7/16

3654

B767A2-61-1-3-1-BK-2-1

9202

7/13

3655

82/719

IG-1(4)

-2

7/14

3656

24.3

-3

7/15

3657

-4

7/15

3658

P/P ✓

-5

7/15

3659

B767A2-61-1-3-4-1-1

9204

7/15

3660

82/720

IG-1(4)

P/P ✓

3661

-2

7/13

9204

23.1

3662

-3

7/14

3663

-4

7/15

3664

-5

7/14

3665

B767A2-61-1-3-2-1-3-1

7/13

9209

3666

-2

7/14

3667

-3

7/13

3668

-4

7/14

-5

9209

7/14

3669

✓

P/P

B767A2-61-2-2-4-2-1

9214

7/11

3670

± 82/103

23.4

-2

7/18

3671

-3

7/17

3672

✓

P/P

-4

7/17

3673

-5

7/18

3674

PI 331581

2562

7/17

3675

b/c 8/27

B767A2-61-2-2-BK-1-2-1

9217

7/13

3676

82/721

TG-1 (1)

3677

-2

7/17

9217

24.5

3678

-3

7/15

3679

-4

7/13

✓
pip

3680

-5

7/14

3681

B767A2-61-2-2-13k₂-3-1

7/21

9221

3682

-2

7/18

3683

-3

7/18

3684

-4

7/19

9221

-5

7/27

3685

9222

BT67A2-61-4-2-4-1-1

7/20

3686

-2

7/14

3687

-3

7/14

3688

p/p

-4

7/14

3689

-5

7/10

3690

9227

BT67A2-61-4-2-Bk-4-2-1

7/14

3691

82/1229

IG-1(8)

24.7

-2

7/14

3692

p/p

3693

-3

7/17

9227

3694

-4

7/18

3695

-5

7/18

3696

B767A2-61-4-2-13k₂-1-1

7/22

9229

3697

-2

7/14

3698

-3

7/14

3699

-4

7/18

3700

-5

7/13

✓ pip

B767A2-61-4-2-3-2-2-1

9233

7/14

3701

82/1230

✓

IG-1(1)

1/8

-2

24.3

7/14

3702

-3

7/14

3703

-4

7/14

3704

-5

7/13

3705

B767A2-61-8-1-2-1

9239

7/12

3706

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3707

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3708

3709

-4

7/12

9239

3710

-5

7/11

✓
pip

3711

B767A2-62-2-5-3-2-1

7/15

9242

82/722

IG-1(4)

3712

-2

7/17

27.5

3713

-3

7/18

✓
pip

3714

-4

7/17

3715

-5

7/18

3716

B767A2-62-4-3-2-2-1

7/15

9245

27.8

9245

-2

7/18

3717

-3

7/17

3718

-4

7/15

3719

✓
P/P

-5

7/15

3720

3767A2-62-5-2-1-1-1

9247

7/17

3721

27.7

-2

7/17

3722

✓
P/P

-3

7/15

3723

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7/18

3724

3725

-5

7/23

9247

3726

RU7603069

7/12

2560

bk 8/27

3727

B767A2-62-5-3-1-2-1

7/14

9252

27.1

3728

-2

7/15

3729

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7/14

3730

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3731

-5

7/14

3732

B767A2-62-5-3-Bk-3-2-1

7/19

9255

82/123

IG-1 (4)

9255

-2

7/17

3733

28.8

-3

7/14

3734

-4

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3735

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7/15

3736

B767A2-62-5-3-Bk-4-3-1

9259

7/20

3737

29.4

-2

7/22

3738

-3

7/19

3739

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3740

3741

✓ P/p

-5

7/19

9259

3742

BT67A2-62-8-2-2-1

82/724

7/14

9262

IG-1 (1)

3743

-2

7/14

3744

-3

7/14

✓ P/p

3745

-4

7/13

3746

-5

7/13

3747

BT67A2-64-2-1-3-2-1

82/1231

7/11

9264

IG-1 (1)

3748

-2

7/11

28.2

✓ P/p

9264

-3

7/11

3749

-4

7/11

3750

-5

7/12

3751

BR

NWRX

7/21

3752

bk 8/27

9267

B767A2-64-2-1-BK-4-2-1

7/9

3753

-2

7/11

3754

✓
P/P

-3

7/14

3755

-4

7/9

3756

3757

-5

7/12

9267

3758

BT67A2-65-5-3-1-1-3-1

7/22

9271

3759

-2

7/22

3760

-3

7/25

3761

-4

7/18

3762

-5

7/18

3763

BT67A2-65-5-3-2-3-2-1

7/20

9273

3764

-2

7/19

✓
P18

9273

-3

7/18

3765

-4

7/15

3766

-5

7/23

3767

9277

B767A2-65-5-3-3-2-2-1

7/24

3768

✓
p/p

-2

7/20

3769

-3

7/19

3770

-4

7/17

3771

-5

7/22

3772

LBLE

3773

7/8

HR

bic 8/27

BT67A2-67-1-2-2-1

3774

7/13

9283

3775

-2

7/13

3776

-3

7/14

✓

P/p

3777

-4

7/15

3778

-5

7/17

3779

BT67A2-69-4-1-2-3-1

7/12

9287

82/725

IG-1(3)

3780

-2

7/10

23.4

9287

-3

7/14

3781

-4

7/10

3782

✓
P/P

-5

7/11

3783

9289

B767A2-10-2-4-3-2-1

7/17

3784

27.8

-2

7/14

3785

-3

7/15

3786

-4

7/15

3787

✓
P/P

-5

7/17

3788

3789

B767A2-70-2-4-1-1-2-1

7/15

9292

82/314

TG-1(6)

3790

-2

27.5

7/15

✓
P/P

3791

-3

7/14

3792

-4

7/19

3793

-5

7/20

3794

B767A2-70-2-4-1-13K-1-1

7/18

9294

27.8

3795

-2

7/18

3796

-3

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Date seeded : 4/9/82

19

9294		-4	7/18	3797	✓ P/p
		-5	7/23	3798	
2559	LBLE-X2-1		7/10	3799	bix 8/27
12	LBLE-X2-2		7/9	3800	bix 8/27
9297	8767A2-70-2-4-3-2-1-1 82/1232		7/15	3801	
IG-1(6)					
28.4		-2	7/14	3802	
		-3	7/15	3803	✓ P/p
		-4	7/15	3804	

3805

-5

7/15

9297

3806

B767A2-70-4-3-3-2-1

7/14

9304

27.7

3807

-2

7/14

3808

-3

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note PB

3809

-4

7/13

3810

-5

7/14

3811

B767A2-70-4-3-BK-1-3-1

7/14

9308

3812

-2

7/14

9308

-3

7/14

3813

more PB

-4

7/15

3814

-5

7/15

3815

B767A2-70-5-3-5-2-1

9313

7/13

3816

28.4

-2

7/14

3817

-3

7/14

3818

more PB

-4

7/14

3819

-5

7/13

3820

3821

B767A2-70-5-3-Bk-3-1-1

7/13

9315

82/1233

IG-1 (6)

3822

-2

27.7

7/13

3823

-3

7/14

3824

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3825

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3826

BLMT

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HR

65 8/27

3827

B767A2-70-5-3-Bk₂-1-1

7/13

9318

28.1

3828

-2

7/13

9318

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3829

active PB

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3830

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3831

B767A2-70-8-2-2-1

9322

7/15

3832

82/726

IG-1(4)

✓
8/4

27.4

-2

7/14

3833

-3

7/14

3834

-4

7/14

3835

-5

7/15

3836

3837

B767A2-T2-3-1-3-BK-3-1

7/14

9336

3838

-2

7/15

3839

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✓ etc

3840

-4

7/14

3841

-5

7/14

3842

B767A2-T2-6-1-1-1

7/13

9337

3843

-2

7/14

3844

-3

7/14

9337

-4

7/13

3845

-5

7/15

3846

B767A2-74-2-1-3-2-1

9341

7/12

3847

-2

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3848

-3

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3849

-4

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3850

-5

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3851

✓
Pip

R07603015

HR

7/14

3852

b.c. 8/27

3853

B767A2-74-9-2-2-1

7/15

9347

82/1234

IG-1(1)

82/129

3854

-2

27.1

7/14

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7/12

3856

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B767A2-76-2-2-1-2-1

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9360

3859

-2

7/14

3860

-3

7/12

9360

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7/14

3861

-5

7/11

3862

B767A2-78-3-5-3-3-3-1

9367

82/727

7/12

3863

IG-1(1)

25.8

-2

7/12

3864

-3

7/13

3865

P/P

-4

7/20

3866

-5

7/15

3867

B767A2-78-5-BK-3-2-2-1

9369

82/1235

7/14

3868

IG-1(1)

P/P

3869		-2 7/14	9369 28.3
3870		-3 7/12	
3871		-4 7/12	
3872		-5 7/12	
3873	LBNT	7/15	HR
bk 8/27			
3874	B767A2-78-5-BK-3-BK-2-1	7/12	9372 28.4
✓ P/P			
3875		-2 7/12	
3876		-3 7/12	

9372

-4

7/12

3877

-5

7/12

3878

B767A2-78-7-Bk-2-2-1

9379

7/13

3879

82/1236

IG-1(1)

23.6

-2

7/14

3880

-3

7/12

3881

✓
p/p

-4

7/12

3882

-5

7/12

3883

B767A2-80-6-2-2-1

9391

7/17

3884

27.0

3885

-2

7/13

9391

3886

-3

7/13

✓ P/p

3887

-4

7/16

3888

-5

7/14

3889

3767A2-80-6-3-4-2-1

7/13

9394

3890

-2

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3891

-3

7/10

3892

-4

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9394

-5

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3893

9397

B767A2-82-1-Bk-1-2-1

7/10

3894

-2

7/10

3895

P/P

-3

7/16

3896

-4

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3897

-5

7/8

3898

9400

B767A2-83-1-1-2-1

7/8

3899

P/P

-2

7/5

3900

3901		-3 7/10		9400
3902		-4 7/9		
3903		-5 7/8		
3904	B767A2-83-1-3-1-1	7/8		9402 22.1
3905		-2 7/8		
3906	<i>very early</i>	-3 7/8		
3907	<i>✓ PIP</i>	-4 7/11		
3908		-5 7/12		

	B767A2-84-1-1-3-3-1		
9413	82/728	7/11	3909
IG-1 (2)			
27.7		-2	
		7/11	3910
		-3	
		7/11	3911
		-4	
		7/11	3912
			P/P ✓
		-5	
		7/11	3913
	B767A2-84-9-3-1-1		
9414	82/729	7/13	3914
IG-1 (4)			
27.9		-2	
		7/12	3915
		-3	
		7/14	3916
			P/P ✓

3917

-4

7/11

9414

3918

-5

7/12

3919

BT67A2-89-3-3-1-1

7/12

9436

✓
file

82/731 ✓

IG-1(1)

3920

-2

7/12

22.6

3921

-3

7/18

3922

-4

7/19

3923

-5

7/11

3924

IBLE

7/5

HR

bx 8/27

9441 B767A2-90-8-4-3-1

7/11

3925

-2

7/12

3926

-3

7/11

3927

✓
PIP

-4

7/12

3928

-5

7/13

3929

9442 B767A2-91-3-1-3-1-1

7/9

3930

✓
PIP

-2

7/10

3931

-3

7/11

3932

3933

-4

7/12

9442

3934

-5

7/8

3935

B767A2-95-10-2-3-1

7/18

9454

3936

-2

7/17

3937

-3

7/18

3938

-4

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3939

-5

7/19

3940

B767A2-95-10-3-1-1

7/11

9455

82/732

IG-1(4)

9455

-2

7/12

3941

26.3

-3

7/14

3942

-4

7/14

3943

-5

7/13

3944

9458

B767A2-97-3-Bk-2-1-1

7/12

3945

-2

7/9

3946

-3

7/12

3947

R/P ✓

-4

7/11

3948

3949		7/10	-5	9458
3950	RV8003043	7/22		HR
3951	B767A2-97-4-1-1-1-3-1	7/19		9463
				27.6
3952		7/23	-2	
3953		7/19	-3	
3954		7/21	-4	
3955		7/22	-5	
3956	B767A2-97-4-1-3-3-1	7/20		9469
	82/333			IG-1 (1)

bk 8/30

✓
e/p

9469

-2

7/20

3957

28.1

-3

7/18

3958

-4

7/21

3959

✓
P/p

-5

7/19

3960

B767A2-97-5-1-1-2-1

9474

7/11

3961

82/1237

IG-1(1)

-2

7/11

3962

23.5

-3

7/10

3963

-4

7/11

3964

✓
P/p

3965		7/13	-5	9474	
3966	B767A2-97-5-1-1-2-2-1	7/18		9478	
				23.8	
3967		7/15	-2		
3968		7/15	-3		
3969		7/15	-4		
3970		7/14	-5		
818					
3971	B767A2-97-5-1-2-1-2-1	7/13		9481	
	82/733				
				IG-1 (1)	
3972		7/13	-2	24.2	

9481

-3

7/13

3973

✓

-4

7/14

3974

-5

7/14

3975

L-201

Biggs

7/5

3976

bk 8/30

BT67A2-97-5-1-3-2-2-1

9484

7/18

3977

22.7

-2

7/15

3978

✓

-3

7/15

3979

-4

7/15

3980

3981

-5

7/18

9484

3982

B767A2-97-5-1-5-2-1

7/17

9487

82/1238

IG-1(1)

3983

-2

7/15

23.2

3984

-3

7/15

✓
P18

3985

-4

7/14

3986

-5

7/17

3987

B767A2-98-4-2-2-3-1

7/24

9491

3988

-2

7/23

-3

7/23

3989

-4

7/26

3990

-5

7/26

3991

B767A2-100 -4-1-1-1-1-1

9498

7/11

3992

-2

7/13

3993

-3

7/15

3994

✓
P/P

-4

7/14

3995

-5

7/12

3996

3997

B767A2-100-4-1-2-2-3-1

7/13

9503

3998

-2

7/13

3999

-3

7/14

4000

-4

7/14

4001

-5

7/9

4002

B767A2-103-2-5-2-3-1

7/9

9518

4003

-2

7/11

4004

-3

7/12

9518

-4

7/14

4005

-5

7/14

4006

✓
PIP

9521

B767A2-103-3-5-2-3-1

7/14

4007

-2

7/18

4008

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4009

-4

7/17

4010

-5

7/18

4011

9524

B767A2-103-6-BK-2-3-1

7/8

4012

82/135

IG-1(4)

4013

-2

7/8

9524

22.2

4014

-3

7/8

slant surf; only early

4015

-4

7/8

✓
P/P

4016

-5

7/8

4017

B767A3 -3-3-4-1-1

7/14

9529

82/1239

IG-1(6)

4018

-2

7/12

25.5

4019

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7/11

various pm. problems

4020

-4

7/11

✓ P/P

9529

-5

7/14

4021

9535

B767A3-7-2-2-1-1

7/7

4022

P/P

-2

7/8

4023

-3

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4024

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4025

-5

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4026

BR

NWRX

7/17

4027

bx 8/30

9538

B767A3-9-5-2-1-1

7/14

4028

82/736

IG-1(1)

4029

-2

7/14

9538

28.1

4030

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4031

-4

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4032

-5

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4033

B767A3-22-4-2-2-1

7/8

9558

4034

-2

7/8

4035

-3

7/8

4036

-4

7/8

9558

-5

7/8

4037

✓

81p

9561

B767A3-23-2-3-2-1

7/17

4038

-2

7/18

4039

✓

81p

-3

7/15

4040

-4

7/15

4041

-5

7/15

4042

B767A3-25-2-2-2-1

9564

7/13

4043

-2

7/14

4044

4045

-3

7/14

9564

4046

-4

7/13

✓ P/P

4047

-5

7/15

4048

B767A3-29-2-1-2-1

7/16

9567

4049

-2

7/13

4050

highly variable

-3

7/14

4051

-4

7/14

✓ P/P

4052

-5

7/11

RU8101007

7

7/16

4053

bk 8/30

B767A3-30-2-4-1-1

9569

7/11

4054

-2

7/18

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7/18

4056

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7/20

4057

-5

7/20

4058

B767A3-31-3-3-3-1

9574

7/22

4059

-2

7/22

4060

4061

-3

7/14

9574

4062

-4

7/18

4063

-5

7/15

✓
p/p

4064

B767A3-35-4-1-1-1

7/11

9588

✓
p/p

4065

-2

7/10

4066

-3

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4067

-4

7/10

4068

-5

7/11

9598	B767A3-39-4-1-2-1	7/10	4069
	-2	7/11	4070 Pip
	-3	7/11	4071
	-4	7/11	4072
	-5	7/11	4073
5	RV800 3005	7/16	4074 b/c 8/30
9605	B767A3-40-2-BK2-3-1	7/14	4075
	-2	7/14	4076

4077

✓ P/P

-3

7/11

9605

4078

-4

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4079

-5

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4080

B767A3-40-3-3-3-1

7/18

9608

82/737

IG-1 (4)

4081

-2

7/10

26.7

4082

✓ P/P

-3

8/17

NOTE: 34. x mm. 4. 0.0001 mm. 22

4083

-4

7/14

4084

-5

7/18

B767A3-41-2-3-2-1

9613

7/14

4085

82/739

IG-1 (4F)

23.0

-2

7/14

4086

-3

7/18

4087

questionable
more PB

-4

7/14

4088

-5

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4089

B767A3-55-1-3-3-1

9617

7/10

4090

-2

7/6

4091

PIP

-3

7/7

4092

very early

4093

-4

7/7

9617

4094

-5

7/8

4095

B767A3-63-1-4-1-1

7/23

9637

82/740

IG-1(4)

4096

-2

7/13

23.6

4097

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7/10

not met. at 1000 ft

4098

-4

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4099

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7/11

4100

B767A3-69-2-4-2-1

7/9

9657

9657

-2

7/13

4101

-3

7/13

4102

-4

7/12

4103

-5

7/10

4104

pp ✓

9664

B767A3-74-3-1-3-1

7/12

4105

-2

7/12

4106

✓

-3

7/12

4107

-4

7/12

4108

4109

-5

7/12

9664

4110

B767A3-77-2-1-3-1

7/22

9673

82/741

IG-1 (4)

4111

-2

7/18

22.7

4112

-3

7/18

4113

-4

7/13

4114

-5

7/22

4115

B767A3-79-2-BK-2-2-1

7/19

9678

82/742

IG-1 (1)

4116

-2

7/17

26.1

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 with the purchase

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4117

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4118

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4119

P/R missing!

P/P

45

RU7901045

7/15

4120

b/c 8/30

C625A-BK-1

2857-79

7/5

4121

1603015/3/STRN/TIH4//9902

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4122

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4123

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4124

P/P

4125

C625A-BK-5

7/7

2857-79

4126

-6

7/8

✓
P/p

4127

-7

7/8

✓
P/p

4128

-8

6/29

4129

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6/29

✓
P/p

4130

-10

7/9

4131

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7/9

✓
P/p

4132

-12

6/30

✓
P/p

C625A-BK-13

2857-79

6/29

4133

✓
P/P

-14

7/7

4134

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6/30

4136

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7/8

4137

✓
P/P

-18

7/1

4138

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7/6

4139

-20

7/6

4140

✓
P/P

4141	C625A-BK-21	7/8		2857-79
4142	-22	7/7		
4143	-23	7/10		
4144	-24	7/8		
4145	-25	7/14		
4146	-26	7/9		
4147	-27	7/8		
✓ P18				
4148	-28	7/15		

C625A-Bk-29

7/13

4149

P/P ✓

RU7802003

2880

7/13

4150

bx 8/30

C625A-Bk-30

2857-79

7/18

4151

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7/11

4152

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4153

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4154

-34

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4155

P/P ✓

-35

7/9

4156

✓
P/P
4157

C625A-BK-36

7/9

2857-79

4158

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4161

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4162

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4163

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7/8

4164

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C625A-BK-44

2857-79

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4165

-45

7/8

4166

P/P

-46

7/5

4167

✓
P/P

-47

7/6

4168

-48

7/10

4169

-49

6/28

4170

✓
P/P

-50

7/5

4171

-51

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4172

✓
VP

4173

C625A - BK -

-52

7/15

2857-79

4174

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4175

RU7603015

7/12

HR

bic 8/30

4176

C625A - BK -

-54

7/9

2857-79

4177

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4178

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7/12

4179

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7/9

4180

-58

7/11

G625A-BK-59

2857-79

7/7

4181

P/P ✓

-60

7/7

4182

-61

6/29

4183

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7/9

4184

-63

6/30

4185

-64

7/7

4186

-65

7/7

4187

P/P ✓

-66

6/30

4188

C625A-BK-67

4189

6/28

2857-79

-68

4190

7/13

✓
P/P

-69

4191

6/30

-70

4192

7/6

-71

4193

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4194

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4195

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4196

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C625A-Bk-75

2857-79

7/11

4197

-76

7/5

4198

-77

7/2

4199

-78

7/3

4200

-79

7/7

4201

P/p

-80

7/5

4202

-81

7/7

4203

-82

7/8

4204

4205

7/1

2857-79

58-

4206

7/2

-85

4207

718

-86-

4208

 $6 \mid 30$

-87

4209

719

-88-

4210

7/5

-89

4211

7/18

90

4212

719

C625A-Bk-91

2857-79

7/3

4213

P/P

-92

7/1

4214

P/P

-93

6/30

4215

BLMT

HR

7/10

4216

b/c 8/30

C625A-Bk₂

2857-79

bk

7/1

4217

7/5

4218

bk 9/2

7/4

4219

6/30

4220

4221

C625A-BK₂

7/1

2857-79

BK

4222

7/1

4223

7/1

4224

BK 9/2

7/1

4225

7/1

4226

7/1

4227

7/1

4228

7/3

C625A-Bk₂

2857-79

bk

6/29

4229

7/1

4230

7/1

4231

7/2

4232

bk 9/2

7/3

4233

7/5

4234

7/3

4235

7/1

4236

C625A-Bk₂

4237

6/30

4238

bk 9/2

7/1

4239

7/8

4240

LBLE

7/4

HR

bk 8/30

4241

C634A-Bk-1

7/15

2881-2900

✓
P/P
LBLE/3/STRN/71H4/9902

4242

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4243

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4244

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C634A-BK-5

2851-2900

6/29

4245

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6/27

4246

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7/11

4247

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7/9

4248

p/p

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7/10

4249

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6/30

4250

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7/8

4251

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4252

C634A-BK-13

4253

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2881-2900

-14

4254

7/10

-15

4255

6/28

-16

4256

6/27

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4257

7/11

✓
P/P

-18

4258

6/28

-19

4259

7/10

✓
P/P

-20

4260

7/2

C634A-Bk-21

2881-2900

7/1

4261

-22

7/1

4262

-23

6/28

4263

-24

7/11

4264

-25

7/1

4265

-26

7/8

4266

✓

P/p

-27

7/11

4267

-28

7/10

4268

✓

P/p

4269

C634A-Bk-29

7/7

2881-2900

4270

-30

6/29

4271

-31

7/14

4272

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7/14

✓
P/p
4273

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7/10

4274

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6/30

4275

LEAH

7/14

26

✓
P/p
4276

C634A-Bk-35

7/3

2881-2900

C634A-Bk-36

2881-2900

7/5

4277

-37

7/1

4278

P/P

-38

7/1

4279

P/P

-39

6/30

4280

P/P

-40

7/7

4281

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4282

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4283

P/P

-43

7/13

4284

C634A-BK-44

4285

6/28

2881-2900

4286

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4289

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4290

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4291

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4292

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7/3

C634A-BK-52

2881-2900

6/29

4293

-53

7/8

4294

p/p ✓

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6/28

4295

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4296

-56

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4297

-57

7/16

4298

p/p ✓

-58

7/3

4299

p/p ✓

-59

7/5

4300

p/p ✓

C634A-13K-60

4301

7/4

2881-2900

4302

-61

7/10

4303

-62

7/19

4304

-63

6/29

4305

-64

6/28

4306

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6/28

4307

-66

7/14

4308

-67

7/9

C634A-BK-68

2881-2900

7/17

4309

-69

7/8

4310 ✓

-70

6/30

4311 ✓

RU7603069

2560

7/13

4312

BK 8/30

C634A-BK2

↓

2881-2900

BK

7/4

4313

6/30

4314

BK 7/2

6/29

4315

6/30

4316

4317

C634A - Br₂

↓

6/29

2881-2900

bk

4318

6/29

4319

6/29

4320

bk 7/2

7/1

4321

6/29

4322

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4323

6/29

4324

7/3

C634A - Bk₂

2881-2900

bx

↓

7/11

4325

6/29

4326

7/14

4327

7/11

4328

bx 7/2

7/11

4329

6/30

4330

7/11

4331

7/2

4332

4333

C634A-BK₂

↓

7/1

2881-2900

4334

7/4

4335

br 7/2

7/1

4336

7/1

4337

Tongil

7/2

2473

br 8/30

4338

B7918A1-BK

7/10

2820-28

Tongil / MARS

br

4339

7/11

br 7/2

4340

7/14

B7918A1 - Bk

2820-28

Bk

↓

7/7

4341

7/11

4342

7/8

4343

7/7

4344

9/2

Bk

generally unpromising

7/5

4345

7/8

4346

7/5

4347

7/10

4348

4349

B7918A1-Bk

↓

7/8

2820-28

bk

4350

7/7

4351

7/11

4352

7/7

4353

MARS

7/8

24

bk 8/30

4354

B7918A1

7/10

F₁

Torgil / MARS

4355

7/12

4356

7/14

B7918A1

F₁

7/11

4357

7/13

4358

7/11

4359

7/8

4360

6x 9/2
 generally unconsolidated

7/9

4361

7/13

4362

7/11

4363

7/13

4364

4365

BT918A1

7/12

F₁

4366

7/12

9/2

bK

4367

7/12

4368

7/12

4369

LA 110

7/16

162

bK 8/30

4370

BT916A1 - BK

7/10

2802-09

9545/NOVA/IR-8/3/LA110

bK

4371

7/7

9/2

bK

4372

7/11

B7916A1-Bk

2802-09

bx



7/10

4373

7/8

4374

7/11

4375

7/6

4376

bx 9 1/2

7/10

Overall

7/7

4377

7/10

4378

7/8

4379

7/10

4380

4381	B7916A1-Bk ↓	7/11	2802-09 bk
4382		7/11	
4383	bk 9/2	7/5	
4384		7/7	
4385	RU7903048	7/15	2521
	bk 8/30		
4386	B7916A1	7/10	F ₁
4387	abandon	7/11	
4388		7/11	

B7916A1

F₁

7/5

4389

7/10

4390

7/1

4391

7/10

4392

Abandon

7/11

4393

7/10

4394

7/4

4395

7/11

4396

Date seeded : 5/19/82

4397

B7916A1

7/10

F₁

4398

7/10

abandon

4399

7/9

4400

7/8

4401

C615A-BK-4-1

8/12

8004

✓ p/p 9881/331581//7701074

4402

-2

8/20

4403

-3

8/19

4404

-4

8/19

8004

C615A-Bk-4-5

8/14

4405

-6

8/12

4406

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4407

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4408

-9

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4409

-10

8/12

4410

8006

C615A-Bk-6-1

8/16

4411

-2

8/17

4412

C615A-BK-6-3

4413

8/17

-4

4414

8/17

-5

4415

8/15

-6

4416

8/18

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4417

8/16

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8/14

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4419

8/14

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4420

8/14

✓
P/p

8008	C615A - Bx - 8 - 1	8/6	4421
	-2	8/7	4422
	-3	8/6	4423
	-4	8/7	4424
	-5	8/8	4425
	-6	8/9	4426
	-7	8/7	4427 Plr ✓
	-8	8/9	4428

4429	C615A-BK-8-9	8/6		
4430	-10	8/9		
4431	RUT701074	8/16		2570
bx 9/17				
4432	C615A-BK-9-1	8/17		8009
✓ P/P bx 9/17	82/550			IG-1(4)
4433	-2	8/19		
4434	-3	8/19		
4435	-4	8/18		
4436	-5	8/19		

C615A-Bk-9-6

8/15

4437

P/P ✓

b/c 9/17

-7

8/17

4438

P/P ✓

-8

8/16

4439

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8/19

4440

-10

8/17

4441

8014

C615A-Bk-14-1

8/12

4442

-2

8/12

4443

P/P ✓

-3

8/17

4444

P/P ✓

4445	C615A-Bx-14-4	8/17		
4446	-5	8/12		
4447	-6	8/18		
4448	-7	8/18		
4449	-8	8/15		
4450	-9	8/9		
4451	-10	8/11		
4452	Ru1703008	8/12		

8017	C615A-Bk-17-1		8/14	4453	
	82/552				
IG-1(4)					
		-2	8/15	4454	
		-3	8/16	4455	
		-4	8/17	4456	
		-5	8/16	4457	
		-6	8/17	4458	
		-7	8/14	4459	
		-8	8/17	4460	

p/p

b/c 9/17

C615A-BK-17-9

4461

8/14

-10

4462

8/14

C615A-BK-21-1

4463

8/15

8021

-2

4464

8/12

✓
etc

-3

4465

8/9

-4

4466

8/9

-5

4467

8/12

-6

4468

8/14

C615A-Bk-21-7

8/11

4469

-8

8/9

4470

-9

8/11

4471

-10

8/14

4472

Bip

LBNT

HR

8/15

4473

bk 9/17

C615A-Bk-25-1

8026

8/16

4474

-2

8/16

4475

-3

8/19

4476

C615A-Bk-25-4

4477

8/13

8026

✓ P/p

-5

4478

8/18

-6

4479

8/18

✓ P/p

-7

4480

8/16

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4481

8/18

-9

4482

8/17

-10

4483

8/15

C615A-Bk-26-1

4484

8/16

8027

✓ P/p

C615A-BK-26-2

8/19

4485

-3

8/19

4486

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8/10

4487

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4488

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4490

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8/18

4491

rip ✓
bk 9/17

-9

8/17

4492

4493

C615A-BK-26-10

8/18

8027

4494

C615A-BK-27-1

8/18

8028

82/553

IG-1 (1)

4495

-2

8/18

✓
P/P

4496

-3

8/19

4497

-4

8/19

4498

-5

8/18

4499

-6

8/18

✓
P/P

4500

-7

8/19

C615A-Bk-27-8

8/20

4501

-9

8/17

4502

-10

8/17

4503

C615A-Bk-33-1

8034

8/17

4504

-2

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4505

-3

8/16

4506

-4

8/14

4507

Pip ✓

-5

8/14

4508

4509

C615A-BK-33-6

8/14

4510

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4511

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4512

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8/17

✓
4513

-10

8/17

1/p
bx 9/17

4514

C615A-BK-34-1

8/10

8035

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4516

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C615A-Bk-34-4

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4517

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4518

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4519

P/P

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4521

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4522

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8/9

4523

R07901045

45

8/7

4524

bk 9/17

4525

C615A-BK-38-1

8/17

8039

4526

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4527

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4528

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4529

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4532

-8

8/16

C615A-BK-38-9

8/16

4533

-10

8/14

4534

C615A-BK-41-1

8042

8/9

4535

-2

8/12

4536

-3

8/9

4537

-4

8/7

4538

-5

8/13

4539

P/P[✓]

-6

8/13

4540

C615A-BK-41-7

4541

8/7

-8

4542

8/13

✓
8/13

-9

4543

8/16

-10

4544

8/8

C615A-BK-43-1

4545

8/18

8044

82/554

IG-1(6)

-2

4546

8/19

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4548

8/17

C615A-BK-43-5

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4549

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8/17

4550

p/p

bk 9/17

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4551

-8

8/16

4552

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4553

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8/17

4554

L-201

Biggs

8/2

4555

bk 9/17

C615A-BK-45-1

8046

8/5

4556

4557	C615A-BK-45-2	8/18		8046	
4558	-3	8/19			
4559	-4	8/17			
4560	-5	8/17			
4561	-6	8/17			
4562	-7	8/16			
✓ 4563	-8	8/17			
4564	-9	8/17			

C615A-BK-45-10

8/16

4565

P/p

bc 9/17

C615A-BK-46-1

8047

8/13

4566

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8/11

4567

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8/12

4568

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C615A-BK-46-8

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8/15

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RU8003043

8/19

HR

bx 9/17

4577

C615A-BK-50-1

8/10

8052

4578

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8/14

4579

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4580

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8/16

✓ P/P

bx 9/17

C615A-BK-50-5

8/19

4581

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8/15

4582

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8/16

4583

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8/13

4584

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8/19

4585

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8/16

4586

9/17

C615A-BK-51-1

8053

8/21

4587

-2

8/17

4588

C615A-BK-51-3

4589

8/17

4590

-4

8/16

✓ P/P

bk 9/17

4591

-5

8/15

4592

-6

8/20

4593

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8/20

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-10

8/19

✓ P/P

C615A-BK-53-1

8055

8/17

4597

82/555

IG-1(6)

-2

8/17

4598

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8/14

4599

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8/17

4600

-5

8/17

4601

-6

8/12

4602

P/P

-7

8/17

4603

-8

8/17

4604

C615A-Bk-53-9

4605

8/12

4606

-10

8/12

4607

C615A-Bk-54-1

8/14

8056

4608

-2

8/15

4609

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8/16

4610

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4611

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8/16

4612

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C615A-Bk-54-7

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4613

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4614

P/P

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4615

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4616

C615A-Bk-57-1

8059

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4617

82/556

IG-1(1,4)

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4618

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4619

-4

8/14

4620

4621	C615A-BK-57-5	8/20		
4622	-6	8/15		
✓ Pip bk 9/17				
4623	-7	8/17		
4624	-8	8/16		
4625	-9	8/17		
4626	-10	8/12		
4627	LBLE	8/10		HR
bk 9/17				
4628	C615A-BK-61-1	8/18		8063
	82/557			IG-1 (7)

C615A-BK-61-2

8/19

4629

-3

8/17

4630

-4

8/13

4631

-5

8/18

4632

P/P

bk 9/17

-6

8/20

4633

-7

8/20

4634

-8

8/20

4635

-9

8/20

4636

P/P

bk 9/17

4637	C615A-Bk-61-10	8/19		8063
4638	C615A-Bk-63-1	8/9		8065
bx 9/17				
4639	-2	8/9		
4640	-3	8/7		
4641	-4	8/8		
tip				
4642	-5	8/10		
4643	-6	8/17		
4644	-7	8/6		

C615A-BK-63-8

8/13

4645

-9

8/9

4646

-10

8/8

4647

LEAH

26

8/17

4648

bk

C615A-BK-65-1

8067

8/19

4649

88/558

IG-1(2)

-2

8/20

4650

-3

8/20

4651

-4

8/21

4652

C615A-BK-65-5

4653

8/19

-6

4654

8/17

-7

4655

8/18

-8

4656

8/20

✓ flip
bk 9/17

-9

4657

8/20

-10

4658

8/21

C615A-BK-66-1

4659

8/15

8068

-2

4660

8/16

C615A-BK-66-3

8/11

4661

-4

8/12

4662

-5

8/17

4663

-6

8/17

4664

-7

8/17

4665

-8

8/18

4666

-9

8/13

4667

-10

8/17

4668

NWRX

4669

BR

C615A-BK-69-1

4670

8/18

8071

82/559

IG-1 (7)

-2

4671

8/19

-3

4672

8/13

✓
R/P

-4

4673

8/15

-5

4674

8/13

-6

4675

8/14

-7

4676

8/14

C615A-Bk-69-8

8/9

4677

-9

8/12

4678

-10

8/13

4679

P/P

bK 9/17

C615A-Bk-72-1

8074

8/16

4680

82/561

IG-1(1)

-2

8/18

4681

-3

8/18

4682

-4

8/17

4683

-5

8/17

4684

P/P

bK 9/17

C615A-BK-72-6

4685

8/17

-7

4686

8/17

-8

4687

8/17

✓
P/P

-9

4688

8/16

-10

4689

8/17

C615A-BK-76-1

4690

8/17

8078

80/562

IG-1 (3)

-2

4691

8/14

-3

4692

8/15

✓
P/P

bx 9/17

C615A-BK-76-4

8/19

4693

-5

8/17

4694

-6

8/14

4695

-7

8/17

4696

P/P ✓

-8

8/17

4697

-9

8/18

4698

-10

8/21

4699

C615A-BK-77-1

8079

8/20

4700

82/344

IG-1(7)

C615A-BK-77-2

4701

8/18

-3

4702

8/16

-4

4703

8/19

-5

4704

8/19

-6

4705

8/17

✓ p/p

bk 9/17

-7

4706

8/17

-8

4707

8/17

-9

4708

8/18

C615A-Bk-77-10

8/18

4709

r/p ✓

C615A-Bk-80-1

8082

8/17

4710

IG-1 (7)

82/563

-2

8/17

4711

-3

8/17

4712

p/p ✓

b/c 2/17

-4

8/19

4713

-5

8/17

4714

-6

8/19

4715

-7

8/18

4716

4717

C615A-BK-80-8

8/17

4718

-9

8/17

4719

-10

8/17

91p

4720

RV8003005

8/8

5

bk 9/17

4721

C615A-1-1

8/13

8095

9881/331581//7701074

4722

-2

8/14

4723

-3

8/14

4724

-4

8/14

C615A-1-5

8/13

4725

-6

8/16

4726

-7

8/16

4727

-8

8/14

4728

-9

8/14

4729

-10

8/15

4730

P/P ✓

bk 9/17

C615A-4-1

8098

8/14

4731

-2

8/12

4732

P/P

C615A-4-3

4733

8/13

-4

4734

8/14

-5

4735

8/14

-6

4736

8/14

-7

4737

8/9

-8

4738

8/12

-9

4739

8/14

-10

4740

8/12

8099	C615A-5-1	8/16	4741
	-2	8/17	4742
	-3	8/17	4743
	-4	8/17	4744
	-5	8/20	4745
	-6	8/20	4746
	-7	8/17	4747
	-8	8/17	4748

4749

C615A-5-9

8/16

4750

-10

8/17

✓
pip

4751

RU 8101007

8/10

7

bk 9/17

infestation?

4752

C615A-9-1

8/17

8103

4753

-2

8/11

4754

-3

8/12

4755

-4

8/14

4756

-5

8/13

C615A-9-6

8/17

4757

-7

8/17

4758

-8

8/14

4759

-9

8/12

4760

-10

8/14

4761

C615A-12-1

8106

8/11

4762

Pip ✓

-2

8/16

4763

-3

8/19

4764

C615A-12-4

4765

8/14

-5

4766

8/12

-6

4767

8/12

-7

4768

8/9

✓ P/P

-8

4769

8/13

-9

4770

8/16

-10

4771

8/14

PI 331581

4772

8/21

2562

C615A-13-1

8107

8/9

4773

IG-1(4)

82/564

p/p ✓

-2

8/13

4774

-3

8/14

4775

-4

8/19

4776

-5

8/11

4777

p/p ✓

-6

8/12

4778

-7

8/9

4779

-8

8/14

4780

4781

C615A-13-9

8/13

4782

-10

8/17

4783

C615A-14-1

8/9

8108

✓
P/P

4784

-2

8/14

4785

-3

8/16

4786

-4

8/9

4787

-5

8/17

4788

-6

8/12

C615A-14-7

8/14

4789

-8

8/14

4790

-9

8/13

4791

-10

8/14

4792

C615A-16-1

8/10

8/17

4793

-2

8/16

4794

-3

8/17

4795

-4

8/17

4796

CG15A-16-5

4797

8/17

-6

4798

8/16

✓
P/P

-7

4799

8/26

-8

4800

8/21

-9

4801

8/17

-10

4802

8/17

✓
-P/P

CG15A-20-1

4803

8/20

8/14

-2

4804

8/21

C615A-20-3

8/21

4805

-4

8/20

4806

-5

8/20

4807

-6

8/20

4808

P/R ✓

-7

8/19

4809

-8

8/20

4810

-9

8/20

4811

-10

8/19

4812

C615A-22-1

4813

8/14

8/16

-2

4814

8/11

✓ pip

-3

4815

8/14

-4

4816

8/16

-5

4817

8/9

✓ pip

-6

4818

8/13

-7

4819

8/7

-8

4820

8/6

C615A-22-9

8/9

4821

-10

8/15

4822

BBLE

2544

8/17

4823

bk 9/17

C615A-23-1

8/17

8/14

4824

-2

8/10

4825

P/p ✓

bk 9/17

-3

8/7

4826

-4

8/12

4827

-5

8/14

4828

4829

C615A-23-6

8/8

4830

-7

8/8

✓
8/8

4831

-8

8/10

4832

-9

8/9

4833

-10

8/16

4834

C615A-24-1

8/15

8/18

4835

-2

8/12

✓
8/12

4836

-3

8/11

CG15A-24-4

8/17

4837

-5

8/12

4838

-6

8/13

4839

-7

8/15

4840

-8

8/9

4841

-9

8/12

4842

-10

8/13

4843

CG15A-25-1

8/19

8/11

4844

C615A-25-2

4845

8/13

4846

-3

8/16

4847

-4

8/16

4848

-5

8/13

✓
P/P

4849

-6

8/14

4850

-7

8/11

✓
P/P

4851

-8

8/12

✓
P/P

4852

-9

8/14

C615A-25-10

8/11

4853

BLPT

2545

8/9

4854

bk 9/17

C615A-26-1

8120

8/15

4855

-2

8/12

4856

-3

8/17

4857

-4

8/19

4858

-5

8/16

4859

-6

8/16

4860

4861	C615A-26-7	8/13			
✓ p/p					
4862	-8	8/16			
✓ p/p bx 9/17					
4863	-9	8/17			
4864	-10	8/17			
4865	C615A-27-1	8/19		8/21	
4866	-2	8/14			
✓ p/p					
4867	-3	8/14			
4868	-4	8/17			

C615A-27-5

8/15

4869

-6

8/19

4870

-7

4871

-8

8/18

4872

-9

8/17

4873

-10

8/13

4874

2567

R07603091

8/20

4875

8123

C615A-29-1

8/21

4876

C615A-29-2

4877

8/18

4878

-3

8/16

4879

-4

8/17

✓
PR

4880

-5

8/18

✓
P/P
bx 9/17

4881

-6

8/20

4882

-7

8/19

4883

-8

8/17

4884

-9

8/17

8126	C615A-31-1	812	4885
8126	-2	810	4886
8123	C615A-29-10	816	4887
8126	C615A-31-3	8121	4888
	-4	810	4889
	-5	817	4890
	-6	818	4891 P/P ✓
	-7	817	4892

4893

CG15A-31-8

8/16

4894

-9

8/10

4895

-10

8/18

4896

CG15A-33-1

8/13

8128

4897

-2

8/15

4898

-3

8/17

4899

-4

8/17

4900

-5

8/16

C615A-33-6

8/17

4901

-7

8/11

4902

-8

8/12

4903

-9

8/16

4904

-10

8/12

4905

P/P ✓

b/c 9/17

C615A-34-1

8/29

8/10

4906

-2

8/22

4907

P/P ✓

-3

8/14

4908

4909	C615A-34-4	8/11		
4910	-5	8/12		
4911	-6	8/10		
✓ R/P				
4912	-7	8/12		
4913	-8	8/14		
4914	-9	8/14		
4915	-10	8/14		
✓ R/P				
4916	C615A-36-1	8/17		8/31

C615A-36-2

8/12

4917

-3

8/13

4918

P/P ✓

bk 9/17

-4

8/13

4919

-5

8/16

4920

-6

8/14

4921

-7

8/16

4922

-8

8/12

4923

-9

8/10

4924

P/P ✓

4925	C615A-36-10	8/14		
4926	13-D			2353
4927	C615A-37-1	8/14		8132
4928	-2	8/13		
4929	-3	8/12		
✓ PIP bx 9/17				
4930	-4	8/11		
4931	-5	8/11		
4932	-6	8/9		

C615A-37-7

8116

4933

-8

8114

4934

-9

8110

4935

pip ✓

-10

8112

4936

C615A-39.-1

8134

8116

4937

82/565

IG-1 (5)

-2

8114

4938

pip ✓

bx 9/17

-3

8117

4939

-4

8120

4940

C615A-39-5

4941

8/15

4942

817

7

4943

5/18

8-

4944

8/18

-9

4945

४११

-10

4946

8119

CI 9881

4947

8/16

2566

bk 9/17

CG15A-40-1

4948

8117

8135

CG15A-40-2

8/17

4949

-3

8/16

4950

-4

8/16

4951

-5

8/14

4952

-6

8/16

4953

-7

8/14

4954

-8

8/9

4955

P/P ✓

-9

8/16

4956

4957	C615A-40-10	8/14		
4958	C615A-41-1	8/15	8136	
4959	-2	8/17		
4960	-3	8/14	8136	
4961	-4	8/13		
✓ P/P				
4962	-5	8/13		
4963	-6	8/18		
4964	-7	8/15		

C615A-41-8

8/13

4965

-9

8/14

4966

-10

8/14

4967

C615A-42-1

8/37

8/15

4968

rip ✓

-2

8/15

4969

-3

8/15

4970

-4

8/14

4971

-5

8/15

4972

4973	C615A-42-6	8/14	
4974	-7	8/12	
✓ p/p			
4975	-8	8/11	
4976	-9	8/14	
4977	-10	8/16	
4978	Della	8/16	2549
bk 9/17			
4979	C615A-43-1	8/10	8138
✓ p/p			
4980	-2	8/19	

C615A-43-3

218-42

8/17

4981

-4

8/20

4982

-5

8/18

4983

-6

8/16

4984

-7

8/17

4985

-8

8/14

4986

-9

8/21

4987

-10

8/19

4988

C615A-44-1

4989

8/11

8/39

-2

4990

8/19

-3

4991

8/7

✓
P/P

-4

4992

8/14

✓
P/P

-5

4993

8/16

-6

4994

8/14

-7

4995

8/12

-8

4996

8/16

C615A-44-9

8/14

4997

-10

8/13

4998

LBLE-X2-1

2559

8/18

4999

b/c 9/17

LBLE-X2-2

12

8/14

5000

b/c 9/17

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

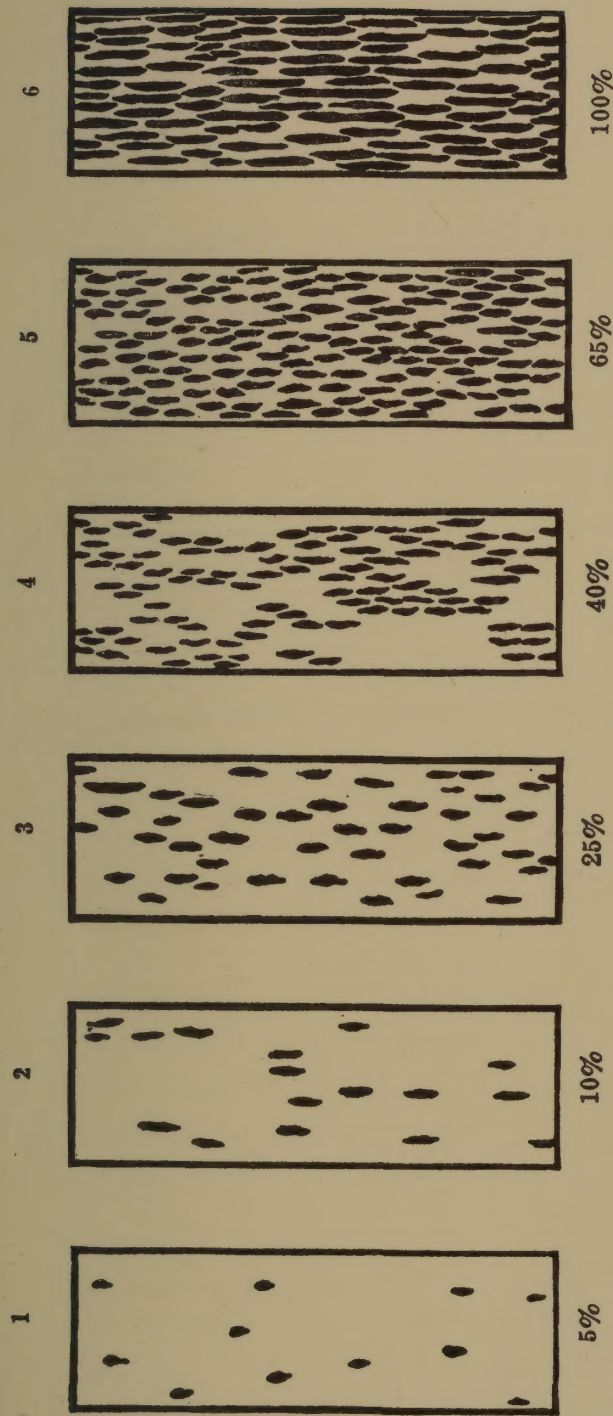
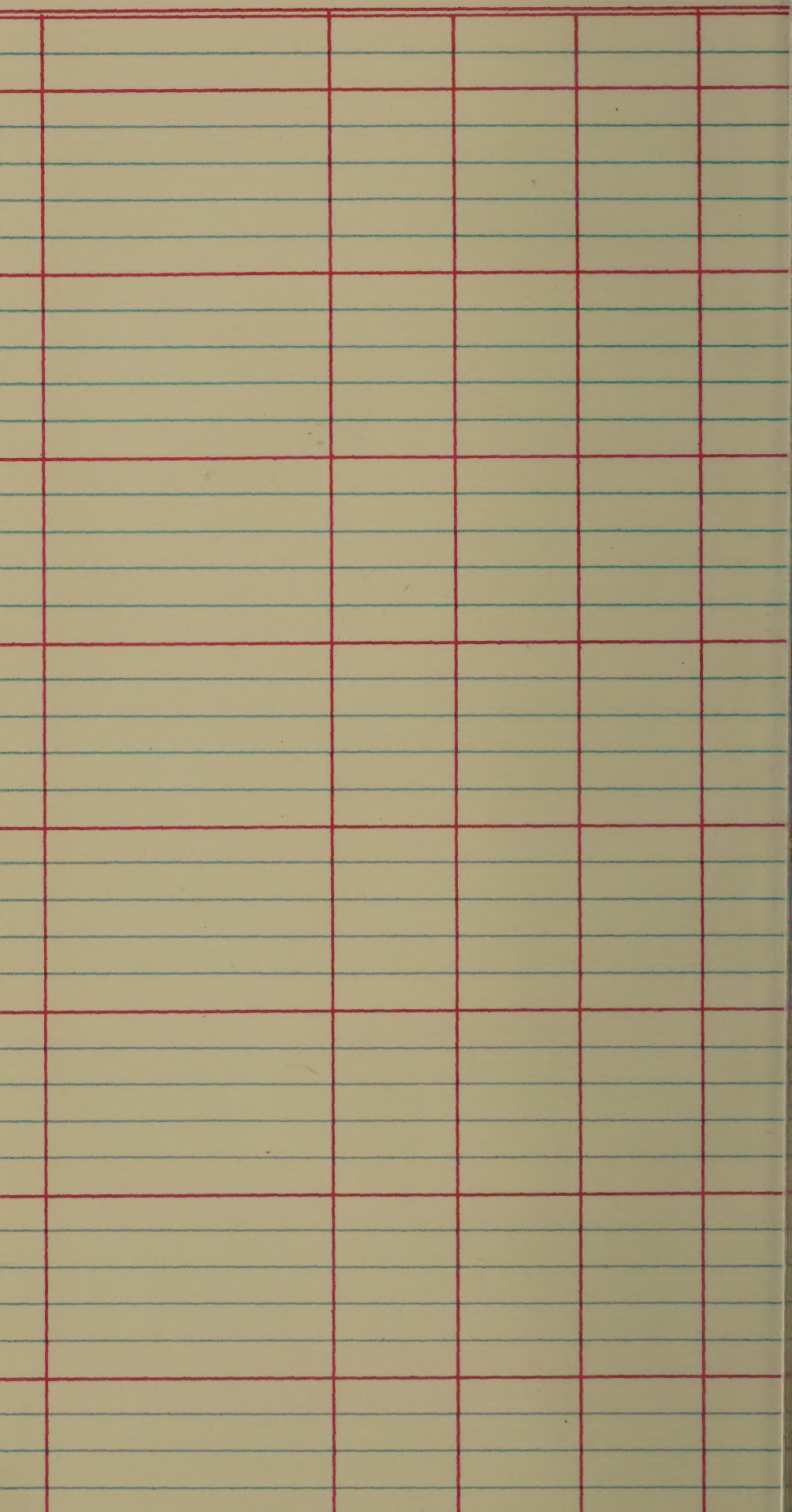
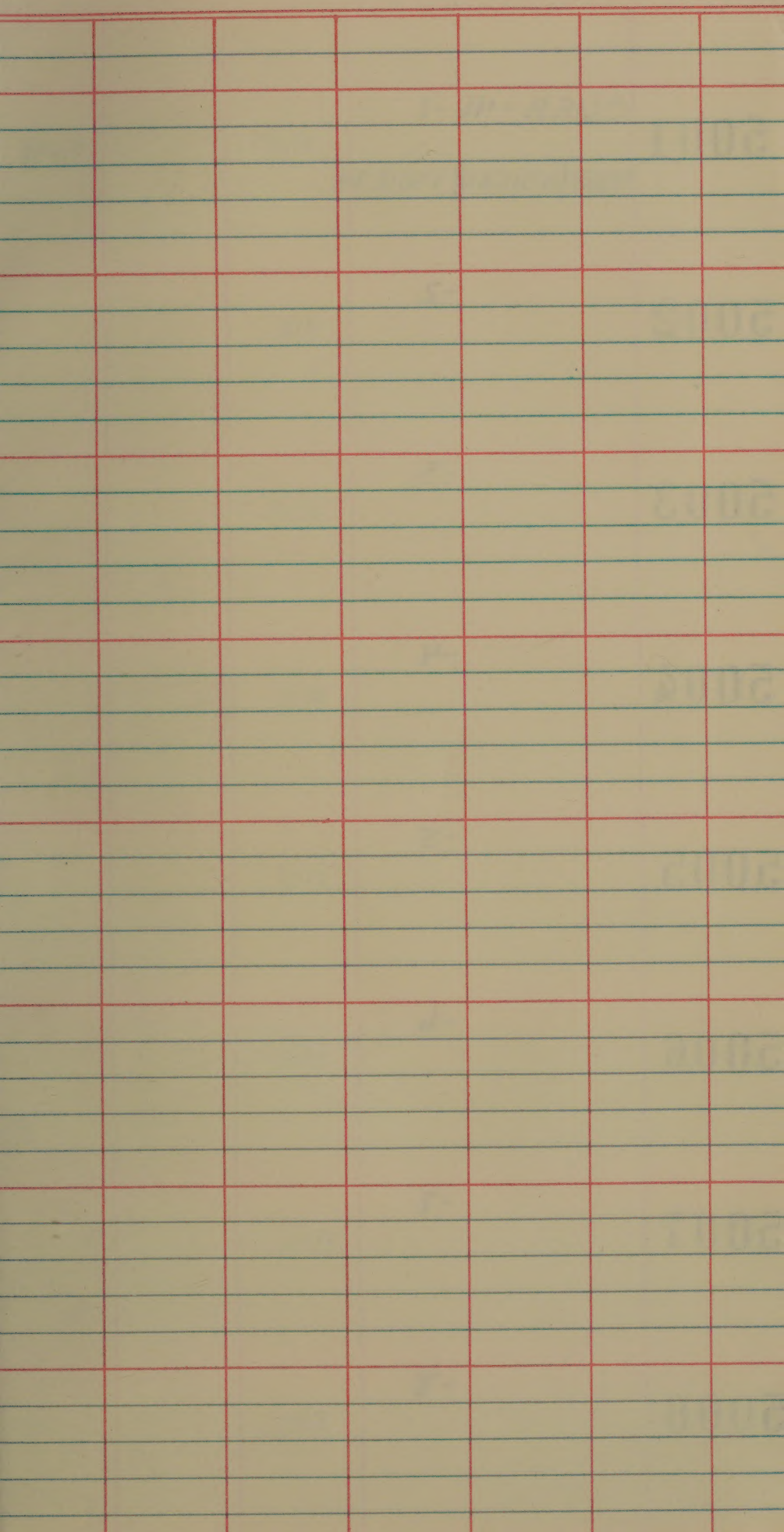


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.





Date seeded : 5/19/82

5001

C615A-46-1

8/18

8/41

9881/331581//7701074

5002

-2

8/18

5003

-3

8/14

✓ PIP

5004

-4

8/12

5005

-5

8/15

5006

-6

8/13

5007

-7

8/16

5008

-8

8/13

C615A-46-9

8/7

5009

8/8 ✓

-10

8/15

5010

C615A-48-1

8/43

8/7

5011

8/8 ✓

-2

8/6

5012

-3

8/13

5013

-4

8/6

5014

8/8 ✓

-5

8/9

5015

-6

8/9

5016

5017

C615A-48-7

8/9

5018

-8

8/10

5019

-9

8/11

5020

-10

8/7

✓ P/P
5021

STBN

68

5022

C615A-51-1

8/13

8/46

82/566

5023

-2

8/9

✓ P/P
5024

-3

8/14

C615A-51-4

8/10

5025

Pip ✓

bk 9/17

-5

8/9

5026

-6

8/9

5027

-7

8/8

5028

-8

8/9

5029

-9

8/9

5030

-10

8/7

5031

Pip ✓

C615A-53-1

8148

8/13

5032

C615A-53-2

5033

8/11

5034

-3

8/16

5035

-4

8/6

✓
1/p
5036

-5

8/14

5037

-6

8/11

5038

-7

8/13

5039

-8

8/17

5040

-9

8/14

C615A-53-10

8/12

5041

C615A-58-1

8154

8/9

5042

-2

8/13

5043

-3

8/17

5044

-4

8/17

5045

-5

8/12

5046

-6

8/17

5047

-7

8/11

5048

5049

C615A-58-8

8/11

5050

-9

8/11

5051

-10

8/17

5052

CI 9902

2563

br 9/17

5053

C615A-60-1

8/9

8156

5054

-2

8/13

✓
pip

5055

-3

8/14

5056

-4

8/11

C615A-60-5

8/19

5057

-6

8/14

5058

-7

8/11

5059

-8

8/9

5060

-9

8/13

5061

P/p ✓

-10

8/12

5062

C615A-61-1

8157

8/18

5063

-2

8/19

5064

5065	C615A-61-3	8/15			
5066	-4	8/10			
5067	-5	8/17			
5068	-6	8/16			
5069	-7	8/17			
5070	-8	8/16			
5071	-9	8/10			
5072	-10	8/14			

9821	SSD/SSS	5073
------	---------	------

bx 9/17

8159	C615A-63-1	8/7	5074
------	------------	-----	------

-2	8/15	5075
----	------	------

-3	8/10	5076
----	------	------

-4	8/11	5077
----	------	------

-5	8/15	5078
----	------	------

-6	8/9	5079
----	-----	------

p/p

-7	8/16	5080
----	------	------

p/p

bx 9/17

5081	C615A-63-8	8/12		
5082	-9	8/18		
✓ P/P				
5083	-10	8/10		
5084	C615A-65-1	8/17	8/61	
5085	-2	8/19		
5086	-3	8/12		
✓ P/P				
5087	-4	8/17		
5088	-5	8/14		

C615A-65-6

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5089

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5091

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5092

P/P

✓

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8/14

5093

C615A-66-1

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5094

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5096

5097	C615A-66-4	8/17			
5098	-5	8/13			
5099	-6	8/13			
5100	-7	8/19			
5101	-8	8/17			
5102	-9	8/12			
✓ P/P					
5103	-10	8/18			
5104	C615A-69-1	8/21			8165

CG15A-6A-2

8/17

5105

PIP ✓

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5106

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5107

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8/17

5108

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8/20

5109

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8/21

5110

-8

8/16

5111

PIP ✓

-9

8/17

5112

5113

C615A-69-10

8/18

5114

C615A-70-1

8/17

8166

5115

-2

8/13

5116

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5117

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5118

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8/14

5119

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8/15

5120

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8/14

✓ P/p

C615A-70-8

8/15

5121

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5122

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8/16

5123

BLVU

361

5124

C615A-73-1

8169

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5125

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5126

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5127

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5128

5129	C615A-73-5	8/14		
5130	-6	8/12		
5131	-7	8/17		
5132	-8	8/12		
5133	-9	8/17		
5134	-10	8/17		
5135	C615A-76-1	8/19	8/12	
5136	-2	8/20		

C615A-76-3

8/17

5137

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5140

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8/19

5141

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5142

P/P ✓

-9

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5143

-10

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5144

5145	C615A-77-1			8173	
5146	-2	8118			
5147	-3	8114			
5148	-4	8115			
5149	-5	8114			
✓ P1P					
5150	-6	8116			
5151	-7	8114			
5152	-8	8113			

C615A-77-9

8/13

5153

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5154

DAWN

border

8/17

5155

bk 9/17

C615A-79-1

8/76

8/13

5156

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5158

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5159

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5160

5161	C615A-79-6	8/14		
5162	-7	8/14		
✓ P/P				
5163	-8	8/17		
5164	-9	8/18		
5165	-10	8/12		
5166	C615A-80-1	8/14	8/17	
5167	-2	8/16		
✓ P/P				
5168	-3	8/14		

C615A-80-4

8/21

5169

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5170

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5171

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5172

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5173

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5174

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5175

LEAH

8/18

5176

26

bix 9/17

C615A-81-1

5177

8/14

8178

✓
P/P

5178

-2

8/17

5179

-3

8/12

✓
P/P

5180

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5181

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C615-81-9

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5185

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5186

C615A-82-1

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5187

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5188

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5189

P/P ✓

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5190

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5191

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8/21

5192

5193	C615A-82-7	8/15		
5194	-8	8/17		
5195	-9	8/18		
5196	-10	8/17		
5197	C615A-84-1	8/16	8/81	
5198	-2	8/17		
5199	-3	8/14		
5200	-4	8/12		
✓ P1P				

C615A-84-5

-6

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C615A-84-5

5201

8/17

8/81

5202

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5203

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5204

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5205

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5206

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8/82

5208

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5209

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5210

8/14

5211

8/12

5212

np ✓

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5213

8/15

5214

8/11

5215

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5216

C615A-87-1

5217

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8184

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5218

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✓
P/P

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5220

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5221

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5222

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5223

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5224

8/19

-9

8/14

5225

pip ✓

-10

8/13

5226

LBNT

HR

5227

C615A-88-1

8185

8/9

5228

-2

8/14

5229

-3

8/8

5230

pip ✓

-4

8/9

5231

-5

8/10

5232

5233

C615A-88-6

8/12

5234

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5235

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5236

-9

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✓
Pip

5237

-10

8/13

5238

C615A-90-1

82/567

8/17

8187

5239

-2

8/21

5240

-3

8/18

✓
Pip
bK 9/17

C615A-90-4

8/17

5241

-5

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5242

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5243

-7

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5244

pip ✓

bk 9/17

-8

8/17

5245

-9

8/18

5246

-10

8/18

5247

BLMT

HR

8/19

5248

bk 9/17

C615A-92-1

5249

8/18

8189

5250

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5251

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5252

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5253

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5254

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5255

-7

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5256

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✓ p/p

C615A-92-9

8/20

5257

-10

8/19

5258

C615A-93-1

8/90

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5259

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5260

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5261

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5263

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5264

C615A-93-7

5265

8/10

-8

5266

8/9

✓
P/P

-9

5267

8/13

-10

5268

8/17

C615A-94-1

5269

8/12

8/91

-2

5270

8/12

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5271

8/10

-4

5272

8/9

✓ P/P

C615A-94-5

8/11

5273

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8/14

5274

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8/16

5275

-8

8/11

5276

-9

8/8

5277

✓

p/p

br 9/20

-10

8/11

5278

LBLE

HR

8/9

5279

br 9/20

C615A-95-1

8/92

8/15

5280

C615A-95-2

5281

8/15

5282

-3

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5283

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5284

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5285

-6

8/17

✓
PIP

5286

-7

8/17

5287

-8

8/20

5288

-9

8/17

C615A-95-10

8/16

5289

P/P

C615A-96-1

8193

8/14

5290

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5291

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5292

P/P

-4

8/20

5293

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5294

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5296

5297

C615A-96-8

8/21

5298

-9

8/18

✓ p/p

br 9/20

5299

-10

8/19

5300

C615A-99-1

8/14

8196

5301

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5302

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8/21

5303

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5304

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C615A-99-6

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5305

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5306

-8

8/14

5307

p/p ✓

bk 9/20

-9

8/14

5308

-10

8/14

5309

CP231

2151-60

5310

C615A-Bk-Bk-1

8084-93

8/20

5311

-2

8/19

5312

p/p ✓

C615A-Bk-Bk-3

5313

8/17

8084-93

5314

-4

8/18

5315

-5

8/19

5316

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5317

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8/19

5318

-8

8/21

5319

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8/17

5320

-10

8/19

✓ 8/18

C615A-BK₂-11

8084-93

8/19

5321

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8/21

5322

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8/19

5323

-14

8/21

5324

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5325

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5326

-17

8/21

5327

-18

5328

C615A-Bk₂-19

5329

8/19

8084-93

-20

5330

8/15

-21

5331

8/17

✓ p/p

-22

5332

8/19

-23

5333

8/20

-24

5334

8/19

-25

5335

8/19

✓ p/p

-26

5336

8/20

C615A-Bk₂-27

8084-93

8/19

5337

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5338

-29

5339

-30

8/20

5340

-31

8/21

5341

p/p

-32

8/20

5342

-33

8/20

5343

-34

5344

5345

CG15A-BK₂-35

8/19

8084-93

5346

-36

8/19

5347

-37

8/18

✓
P/P

5348

-38

5349

-39

5350

RU8003043

HR

5351

CG15A-BK₂-40

8/18

8084-93

5352

-41

8084-93	C615A-Bm ₂ -42	8120	5353
	-43	8119	5354
	-44		5355
	-45		5356
	-46		5357
	-47		5358
	-48		5359
	-49		5360

5361

C615A-BK₂-50

8054-93

5362

-51

5363

-52

5364

-53

8/21

5365

-54

8/19

5366

-55

5367

-56

8/19

✓
PR

5368

-57

8/20

✓ p/p

bx 9/20

C615A-Bk₂-58

8084-93

8/18

5369

-59

5370

-60

8/20

5371

-61

8/21

5372

-62

8/17

5373

pip[✓]

-63

5374

RU7701074

2570

8/20

5375

poor stand!

br 9/20

C615A-Bk₂-64

8084-93

8/21

5376

5377	C615A-Bk ₂ -65	8/21	8084-93
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5378	-66	8/20	
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5379	-67		
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5380	-68	8/17	
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5381	-69	8/21	
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5382	-70	8/21	
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5383	-71	8/18	
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5384	-72	8/18	
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C615A-BK₂-13

8084-93

8/19

5385

P/P ✓

-74

8/18

5386

-75

5387

-76

5388

-77

8/14

5389

-78

8/20

5390

-79

8/19

5391

P/P ✓

-80

8/17

5392

5393	C615A-Bk ₂ -81	8/21		8084-93	
5394	-82	8/14			
5395	-83	8/18			
5396	-84	8/20			
5397	-85				
5398	-86				
5399	-87				
5400	-88				

8084-93	C615A-BK ₂ -89		5401
	-90		5402
	-91		5403
	-92	8/21	5404
	-93	8/18	5405 P/P ✓
	-94	8/11	5406
	-95	8/19	5407
	-96	8/19	5408

5409	C615A-Bk ₂ -97	8/20	8084-93		
5410	-98	8/17			
5411	-99	8/19			
✓ P/P	✓				
5412	-100	8/20			
5413	-101	8/19			
✓ P/P					
5414	-102	8/18			
5415	-103	8/21			
5416	-104	8/21			

8084-93

C615A-Bk₂-105

8/21

5417

-106

8/19

5418

✓
1/p

-107

5419

-108

8/21

5420

✓
p/p

-109

8/21

5421

-110

5422

-111

8/26

5423

-112

8/11

5424

✓
p/p

5425

RU7901045

8/21

45

5426

C615A-Bk₂-113

8/18

8084-93

✓
P/p

bk 9/20

5427

-114

8/17

5428

-115

5429

-116

8/13

✓
P/p

5430

-117

8/17

5431

-118

8/14

✓
P/p

5432

-119

8/14

C615A-Bk₂-120

8054-93

5433

-121

5434

-122

8/17

5435

-123

5436

-124

5437

-125

8/14

5438

-126

8/18

5439

p/p ✓

-127

5440

C615A-Bk₂-128

5441

8/20

8084-93

✓
P/P
br 9/20

-129

5442

8/14

-130

5443

-131

5444

8/21

-132

5445

-133

5446

-134

5447

8/20

-135

5448

8/18

8084-93	C615A-Bk ₂ -136	8/18	5449	8/p ✓
79/8	RU7703008	8/14	5450	bic 9/20
8084-93	C615A-Bk ₂ -137		5451	
	-138	8/17	5452	
	-139	8/17	5453	8/p ✓
	-140	8/14	5454	
	-141		5455	
	-142		5456	

5457

C615A-Bk₂-143

8/14

8084-93

5458

-144

8/15

5459

-145

8/21

5460

-146

5461

-147

8/17

5462

-148

8/18

✓
e/p
5463

-149

8/14

5464

-150

8/19

C615A-BK₂-151

8084-93

8/18

5465

-152

8/16

5466

-153

8/19

5467

-154

8/19

5468

P/P ✓

BK 9/20

-155

8/16

5469

-156

8/19

5470

-157

8/19

5471

-158

8/13

5472

P/P ✓

5473	C615A-Bk ₂ -159			8084-93
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5474	-160	8/21		
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5475	-161			
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5476	-162	8/17		
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5477	-163	8/21		
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5478	-164			
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5479	-165	8/19		
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5480	L-201	8/7		Biggs
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bk 9/20

C615A-BK-1

8201-15

8/18

5481

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8/20

5482

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8/18

5483

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8/16

5484

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8/13

5485

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8/17

5486

-7

8/17

5487

P/P ✓

-8

8/14

5488

5489	C615A-Bk-9	8/19	8201-15	
5490	-10	8/17		
5491	-11	8/18		
5492	-12	8/17		
5493	-13	8/17		
✓ P/R				
5494	-14			
5495	-15	8/17		
5496	-16	8/13		

C615A-Bk-17

8201-15

8/21

5497

-18

8/19

5498

-19

5499

-20

8/18

5500

-21

5501

-22

8/19

5502

-23

8/19

5503

P/P ✓

-24

8/20

5504

5521

C615A-BK-44

8/16

8201-15

5522

-45

8/14

5523

-46

8/13

✓
P/P

5524

-47

8/17

5525

RU7603015

8/16

HR

bk 9/20

5526

C615A-BK-48

8/14

8201-15

✓
P/P

5527

-49

8/17

5528

-50

8/12

8201-15	C615A-BK-51	8/16	5529
	-52	8/19	5530
	-53	8/17	5531
	-54	8/14	5532
	-55	8/18	5533
	-56	8/10	5534 P/P ✓
	-57	8/14	5535
	-58	8/14	5536 P/P ✓

C615A-BK-59

5537

8/9

8201-15

5538

-60

8/18

5539

-61

8/18

✓
P/P

5540

-62

8/15

✓
P/P

5541

-63

8/11

5542

-64

8/16

5543

-65

8/14

✓
P/P
bk 9/20

5544

-66

8/13

8201-15	C615A-BK-67	8/17	5545
	-68	8/14	5546
	-69	8/14	5547 p/p ✓
	-70	8/18	5548 p/p ✓
	-71	8/14	5549 p/p ✓
2560	RU7603069	8/18	5550 b/c 9/20
8201-15	C615A-BK-72	8/14	5551
	-73	8/14	5552 p/p ✓

5553	C615A-BK-74	8/19	8201-15
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5554	-75	8/13
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✓ P/P

5555	-76	8/9
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5556	-77	8/9
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5557	-78	8/9
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5558	-79	8/17
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5559	-80	8/12
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✓ P/P

5560	-81	8/18
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C615A-BK-82

8201-15

8/21

5561

-83

8/15

5562

-84

8/15

5563

-85

8/19

5564

-86

8/13

5565

p/p ✓

-87

8/21

5566

-88

8/18

5567

p/p ✓

-89

8/10

5568

5569	C615A-Bk-90	8/21	8201-15
5570	-91	8/19	
5571	-92	8/21	
5572	-93	8/17	
5573	-94	8/16	
✓ P1p			
5574	-95	8/21	
5575	UWRX		BR
5576	C615A-Bk-96	8/19	8201-15

8201-15	C615A-Bk-97	8/12	5577	P/p ✓
	-98	8/18	5578	
	-99	8/19	5579	
	-100	8/19	5580	P/p ✓
	-101	8/15	5581	
	-102	8/14	5582	
	-103	8/13	5583	
	-104	8/17	5584	

5585	C615A - Bk - 105	8/18		8201-15	
✓ rip					
bx 9/20					
5586	-106	8/10			
5587	-107	8/9			
✓ rip					
5588	-108	8/17			
5589	-109	8/17			
5590	-110	8/8			
5591	-111	8/11			
5592	-112	8/14			

C615A-BK-113

8201-15

8/17

5593

-114

8/17

5594

-115

8/10

5595

pip ✓

-116

8/16

5596

pip ✓

-117

8/17

5597

-118

8/11

5598

-119

8/13

5599

-120

8/13

5600

Date seeded : 5/19/82

5601	C615A - Bk - 121	8/16	8201-15
✓ pp			
5602	-122	8/19	
5603	-123	8/15	
5604	-124	8/21	
5605	-125	8/18	
✓ pp			
5606	-126	8/14	
5607	-127	8/11	
5608	-128	8/14	

C615A-Bk-129

8201-15

8/19

5609

-130

8/18

5610

pip ✓

-131

8/16

5611

-132

8/19

5612

pip ✓

-133

8/16

5613

-134

8/20

5614

-135

8/19

5615

-136

8/17

5616

5617

C615A - Br - 137

8/17

8201-15

5618

-138

8/12

5619

-139

8/17

✓
pp
5620

-140

8/11

5621

-141

8/19

✓ pp
5622

-142

8/16

5623

-143

8/16

5624

-144

8/14

BN 73

161

5625

C615A -Bk-145

8201-15

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5626

Pip ✓

-146

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5630

Pip ✓

-150

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5631

Pip ✓

-151

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5632

5633

C615A-BK-152

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8201-15

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✓
P/P
5636

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✓
P/P

5640

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8/10

8201-15	C615A-BK-160	8/8	5641
	-161	8/10	5642
	-162	8/17	5643 P/P ✓
	-163	8/14	5644 P/P ✓
	-164	8/14	5645
	-165	8/14	5646
	-166	8/11	5647 P/P ✓
	-167	8/17	5648 P/P ✓

5649	C615A-BK-168	8/14	8201-15
5650	RU7502076	8/13	2568
bk 9/20			
5651	C615A-BK-169	8/17	8201-15
5652	-170	8/14	
5653	-171	8/15	
5654	-172	8/14	
5655	-173	8/16	
5658	-174	8/14	
✓ p/p			

C615A-BK-175

8201-15

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5657

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5660

-179

8/16

5661

rip ✓

-180

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5662

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5663

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5664

5665	C615A -Bk-183	8/14	8201-15	
5666	-184	8/17		
5667	-185	8/9		
5668	-186	8/13		
5669	-187	8/20		
5670	-188	8/18		
5671	-189	8/21		
5672	-190	8/17		

8201-15	C615A-BK-191	8/18	5673	✓ P/P
	-192	8/10	5674	
2561	RU7903157	8/19	5675	bks 9/20
8201-15	C615A-BK-193	8/14	5676	
	-194	8/19	5677	
	-195	8/14	5678	
	-196	8/19	5679	
	-197	8/14	5680	P/P ✓

5681

C615A-Bk-198

8/17

8201-15

5682

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5683

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5684

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5685

-202

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5686

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5687

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5688

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C615A-Bk-206

8201-15

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5689

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5690

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5691

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5692

✓
rip

-210

5693

-211

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5697	CICA-4		2475
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5698	PI 372041		2479
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5699	PI 372054	8/17	2480
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5700	PI 372056		2574
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5701	C615A - Bk - Bk - Bk	8/18	8084-93 bk
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5702		8/11	
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5703	bk	8/16	
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5704		8/17	
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C615A -Bk-Bk-Bk

8084-93

bk

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5705

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C615A -Bk -Bk -Bk

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8084-93

bk

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bk

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2544 BBLE

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5721

C615A - BK₃ - BK

PR3222-39

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8/19

5722

bk

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5725

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5729

C615A - Bk₃ - Bic

↓

8/17

PR3222-39

5730

8/16

5731

8/13

5732

8/20

bic

5733

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5734

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5735

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5736

8/19

C615A-Bk₃-Bk

PR 3222-39

↓

8/17

5737

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5738

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5740

dir

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5745	C615A-Bk ₃ -Bk ↓	8/17	PR 3222-39
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5746		8/20	
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5747		8/16	
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5748		8/18	
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5749		8/16	
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5750		8/16	
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5751		8/16	
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5752			
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PR3222-39	C615A-Bk ₃ -Bk ↓	8/17	5753
		8/19	5754
		8/17	5755
	bk	8/16	5756
		8/21	5757
		8/20	5758
		8/20	5759
HR	RU7603015	8/15	5760
			bk 9/20

C610A-BK-1-1

5761

8/12

8217

9881/331581//7603015.

82/589

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5762

8/15

8/p

bic 9/20

-3

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5765

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pp

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5766

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5767

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-8

5768

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No plants

5769

-10

8/17

5770

C610A-BK-3-1

8219

82/590

8/16

5771

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5772

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P/R

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5778

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5781

C610A-BK-5-1

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C610A-BK-7-1

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PIP
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C610A-Bk-11-1

8227

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5801

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5802

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5803

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5809

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✓
P/P
b/c 9/20
5811

C610A-BK-12-1

82/595

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8228

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✓
P/P
b/c 9/20
5813

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5818

P/P

bk 9/20

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RU7703008

8/17

5821

bk 9/20

8231

C610A-Bk-15-1

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C610A-BK-16-1

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8232

82/596

✓ p/p

bx 9/20

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p/p

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5841

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✓ P/P

5842

C610A-BK-17-1

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8233

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5843

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✓ P/P

bk 9/20

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5851

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26

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5852

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C610A-BK-18-1

8234

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P/c ✓

b/c 9/20

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5862

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5863

C610A-BK-22-1

82/597

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8238

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P/P ✓

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P/P ✓

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HR

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C610A-BK-24-1

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5881

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C610A-BK-27-1

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5884

P/P ✓

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5885

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5886

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5887

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5893

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C610A-Bk-32-1

8248

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5896

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5897

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Pip ✓

b/c 9/20

C610A-BK-33-1

8249

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5906

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5907

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5913

✓
tip

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C610A-13K-35-1

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bk 9120

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C610A-Bk-37-1

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8256

C610A-BK-39-1

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HR

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C610A-Bk-42-1

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C610A-13K-44-1

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C610A-13K-46-1

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bk 9/20

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C10A-BK-48-1

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p/p
bk 9/20

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C610A-BK-52-1

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C610A-BK-55-1

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Biggs

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C610A-Bk-58-1

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C610A-BK-61-1

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C610A-Bk-63-1

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C610A-BK-64-1

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C610A -Bk-73-1

8291

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P/p

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RU7901045

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8293 C610A-BK-75-1

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C610A-BK-78-1

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C610A-BK-80-1

8298

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6141

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6142

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✓

P/p

bK 9/20

6149

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bK 9/20

6150

-10

8/12

6151

R07703008

8/15

79/8

bK 9/20

6152

C610A-1-1

8/11

83/2

8312

CLIDA-1-2

8112

6153

-3

8114

6154

P18 ✓

-4

8111

6155

-5

8110

6156

-6

819

6157

-7

8110

6158

-8

8114

6159

-9

8111

6160

6161	C610A-1-10	8/10			
6162	C610A-4-1	8/14		8315	
6163	-2	8/16			
✓ P/p					
6164	-3	8/12			
6165	-4	8/17			
6166	-5	8/14			
6167	-6	8/14			
6168	-7	8/11			

-8

8/17

6169

-9

8/17

6170

-10

8/14

6171

PI 331581

2562

8/21

6172

bx 9/20

C610A-5-1

8316

8/10

6173

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6174

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8/14

6175

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6176

6177

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6179

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6180

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6181

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6182

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8/14

6183

C610A-8-1

8/6

8319

6184

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8/8

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6185

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6186

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8/11

6187

-6

8/11

6188

-7

8/3

6189

p/p ✓

-8

8/8

6190

-9

8/8

6191

p/p ✓

-10

8/9

6192

p/p ✓

C610A-10-1

6193

8/21

8321

-2

6194

8/15

-3

6195

8/14

✓
P/P

-4

6196

8/13

-5

6197

8/12

✓
P/P

-6

6198

8/14

-7

6199

8/14

-8

6200

8/16

Date seeded : 5/1/82

76

8324

C610A-13-1

7/18

6201

-2

7/18

6202

✓
pip

-3

7/17

6203

-4

7/15

6204

-5

7/15

6205

✓
pip

-6

7/15

6206

-7

7/15

6207

-8

7/16

6208

6209

-9

7/18

6210

-10

7/17

✓
P/P

C610A-16-1

6211

7/14

8327

6212

-2

7/18

✓
P/P

bk 8/30

6213

-3

7/17

6214

-4

7/17

✓
P/P

bk 8/30

6215

-5

7/15

✓
P/P

6216

-6

7/15

-7

7/15

6217 ✓
p/p

-8

7/15

6218 ✓
p/p
bk 8/30

-9

7/17

6219

-10

7/15

6220

CI 9902

2563

7/28

6221
bk 8/30

CG10A-19-1

8330

7/17

6222

-2

7/15

6223

-3

7/17

6224 ✓
p/p
bk 8/30

6225

-4

7/14

6226

-5

7/16

6227

-6

7/20

✓
rip

bK 8/30

6228

-7

7/19

6229

-8

7/18

6230

-9

7/18

✓
rip

6231

-10

7/17

6232

C610A-20-1

7/17

8331

-2

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6233

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6234

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6235

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6236

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7/15

6237

-7

7/18

6238

✓
p/p

bk 8/30

-8

7/18

6239

-9

7/18

6240

p/p

-10

6241

7/18

C610A-21-1

6242

7/18

8332

-2

6243

7/19

✓

P/P

br 8/30

-3

6244

7/19

-4

6245

7/17

-5

6246

7/18

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6247

7/19

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6248

7/18

-8

7/17

6249

p/p ✓

bk 8/30

-9

7/17

6250

-10

7/18

6251

p/p ✓

bk 8/30

HR

RU8003043

7/21

6252

bk 8/30

8336

C610A-25-1

7/20

6253

p/p ✓

bk 8/30

-2

7/17

6254

-3

7/17

6255

-4

7/19

6256

6257	-5	7/20		
✓ P/P bk 8/30		Nm		
6258	-6	7/19		
6259	-7	7/19		
6260	-8	7/19		
6261	-9	7/18		
✓ P/P				
6262	-10	7/18		
✓ P/P				
6263	C610A-26-1	7/15		8337
6264	-2	7/17		
✓ P/P bk 8/30				

-3

7/14

6265

-4

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6266

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7/15

6267

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7/18

6268

✓

P/p

b/c 8/30

-7

7/15

6269

-8

7/14

6270

-9

7/12

6271

-10

7/12

6272

P/p

b/c 8/30

LBNT

6273

7/18

HR

bic 8/30

C610A-29-1

6274

7/17

8340

-2

6275

7/14

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6276

7/12

✓ P/P

Very early

D_T

bic 8/30

-4

6277

7/17

-5

6278

7/15

✓

P/P

D_S

-6

6279

7/13

-7

6280

7/15

-8

7/15

6281

✓
P/P

-9

7/17

6282

✓
P/P
bk 8/30

-10

7/18

6283

✓
P/P

C610A-31-1

8342

7/15

6284

-2

7/18

6285

D₇✓
P/P
bk 8/30

-3

7/16

6286

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6287

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6289

-6

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6290

-7

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6291

-8

7/16

✓
P/p

6292

-9

7/20

6293

-10

7/18

✓ P/p
bk 8/30

Dm

6294

C610A-32-1

7/16

8343

✓
P/p

6295

-2

7/15

6296

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7/19

6297

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7/20

6298

Dm

p/p

bk 8/30

-6

7/16

6299

p/p

-7

7/15

6300

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7/20

6301

-9

7/16

6302

p/p

-10

7/17

6303

C610A-35-1

8346

7/16

6304

6305

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6306

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6307

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6308

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✓
P/P
br 8/30

Dm

6309

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6310

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6311

-8

7/17

✓
P/P
br 8/30

Dm

6312

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6313

CGIDA-40-1

8352

82/614

7/15

6314

Dm

P/P
b/c 8/30

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6315

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6316

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6320

6321

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6323

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✓ P/p

6324

NWRX

7/19

BR

bk 8/30

6325

CG10A-42-1

7/15

8354

6326

-2

7/13

6327

-3

7/15

✓ P/p
bk 8/30

Nm

6328

-4

7/14

✓ P/p

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6329

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7/15

6330

DM

Pp

bk 8/30

-7

7/15

6331

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7/17

6332

Pp

-9

7/14

6333

-10

7/14

6334

C610A-44-1

8356

7/16

6335

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7/20

6336

D_{MT}

Pp

bk 8/30

6337

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7/15

6338

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6339

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6340

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6341

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6342

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6343

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6344

-10

7/18

CG10A-45-1

8357

7/14

6345

-2

7/18

6346

Dm

P/P

bk 8/30

-3

7/15

6347

-4

7/15

6348

-5

7/15

6349

-6

7/14

6350

P/P

-7

7/14

6351

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7/20

6352

6353

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7/21

6354

-10

7/14

✓ p/p

br 8/30

Dr

6355

LBLE

7/11

HR

br 8/30

6356

CG10A-46-1

7/17

8358

6357

-2

7/17

6358

-3

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6359

-4

7/16

6360

-5

7/16

✓ p/p

br 8/30

Dr

-6

7/18

6361

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7/17

6362

-8

7/18

6363

D_Tp/p ✓
bx 8/30

-9

7/16

6364

-10

7/17

6365

C610A-48-1

8360

7/15

6366

p/p ✓

-2

7/17

6367

-3

7/20

6368

6369

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6370

-5

7/20

6371

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6372

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6373

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6374

-9

7/18

6375

-10

7/14

6376

BLMT

7/18

HR

bk 8/30

8365

C610A-53-1

7/18

6377

Dm

P/P

DK 8/30

-2

7/16

6378

-3

7/16

6379

-4

7/14

6380

P/P

-5

7/17

6381

-6

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6382

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6383

-8

7/17

6384

-9

6385

7/18

✓
p/p

-10

6386

7/13

✓
p/p

C610A-54-1

6387

7/14

8366

✓
p/p
bk 8/30

Dm

-2

6388

7/17

-3

6389

7/15

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6390

7/16

-5

6391

7/16

✓
p/p

-6

6392

7/16

-7

7/15

6393

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7/18

6394

-9

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6395

-10

7/14

6396

P/P

8369

C610A-57-1

7/17

6397

-2

7/20

6398

P/P

-3

7/18

6399

-4

7/15

6400

P/P

6401

-5

7/18

6402

-6

7/20

6403

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7/18

6404

-8

7/16

✓
ep
6405

-9

7/16

✓
ep
6406

-10

7/15

6407

C610A-59-1

7/17

8371

✓
p/p
bx 8/30
6408

-2

7/17

Dt

-3

7/15

6409

-4

7/18

6410

-5

7/16

6411

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7/18

6412

P/p

-7

7/17

6413

-8

7/15

6414

P/p

br 8/30

-9

7/18

6415

-10

7/15

6416

C610A-61-1

6417

7/15

8373

6418

-2

7/12

✓

P/p
bk 8/30

DMT

6419

-3

7/15

6420

-4

7/15

✓

P/p

6421

-5

7/16

6422

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7/18

6423

-7

7/18

6424

-8

7/18

-9

7/15

6425

-10

7/17

6426

LEAH

26

7/20

6427

b/c 8/30

C610A-62-1

8374

7/17

6428

-2

7/17

6429

✓
P/P

-3

7/15

6430

-4

7/15

6431

-5

7/16

6432

DMT

P/P
b/c 8/30

6433

-6

7/15

6434

-7

7/16

6435

-8

7/15

6436

-9

7/15

✓
p/p

Dm

bx 8/30

6437

-10

7/17

6438

CG10A-63-1

7/15

8376

✓
p/p

Dms

bx 8/30

6439

-2

7/17

6440

-3

7/18

-4

7/14

6441

-5

7/15

6442

✓
P/P

-6

7/18

6443

✓
P/P

-7

7/15

6444

-8

7/19

6445

-9

7/12

6446

-10

7/15

6447

RUT603015

HR

7/14

6448

bix 8/30

C610A-64-1

6449

7/16

8377

-2

6450

7/15

-3

6451

7/20

-4

6452

7/18

-5

6453

7/15

✓
P/P

-6

6454

7/15

✓
P/P
bk 8/30

DM

-7

6455

7/17

-8

6456

7/19

-9

7/22

6457

-10

7/15

6458

C610A-65-1

8378

7/15

6459

DMT

✓
P/p

bk 8/30

-2

7/15

6460

-3

7/15

6461

✓
P/p

-4

7/17

6462

-5

7/18

6463

DMT

✓
P/p

bk 8/30

-6

7/18

6464

6465

-7

7/15

6466

-8

7/17

6467

-9

7/22

✓
p/p

6468

-10

7/20

bik 8/30
(no p/p)

6469

C610A-68-1

7/20

8381

6470

-2

7/15

✓
p/p

6471

-3

7/14

6472

-4

7/16

-5

7/15

6473

-6

7/16

6474

DMT

bk 8/30

-7

7/16

6475

-8

7/15

6476

-9

7/15

6477

-10

7/17

6478

RU8003005

5

7/15

6479

bk 8/30

CG10A-10-1

8383

7/19

6480

6481

-2

7/14

✓
p/p

6482

-3

7/15

6483

-4

7/18

6484

-5

7/17

✓
p/p

6485

-6

7/17

6486

-7

7/17

6487

-8

7/17

✓
p/p

6488

-9

7/16

-10

7/14

6489

C610A-74-1

8387

7/18

6490

✓
P/P

-2

7/18

6491

-3

7/16

6492

-4

7/16

6493

-5

7/20

6494

-6

7/18

6495

N5

✓
P/P

bk 8/30

-7

7/17

6496

-8

6497

7/17

p/p

-9

6498

7/19

-10

6499

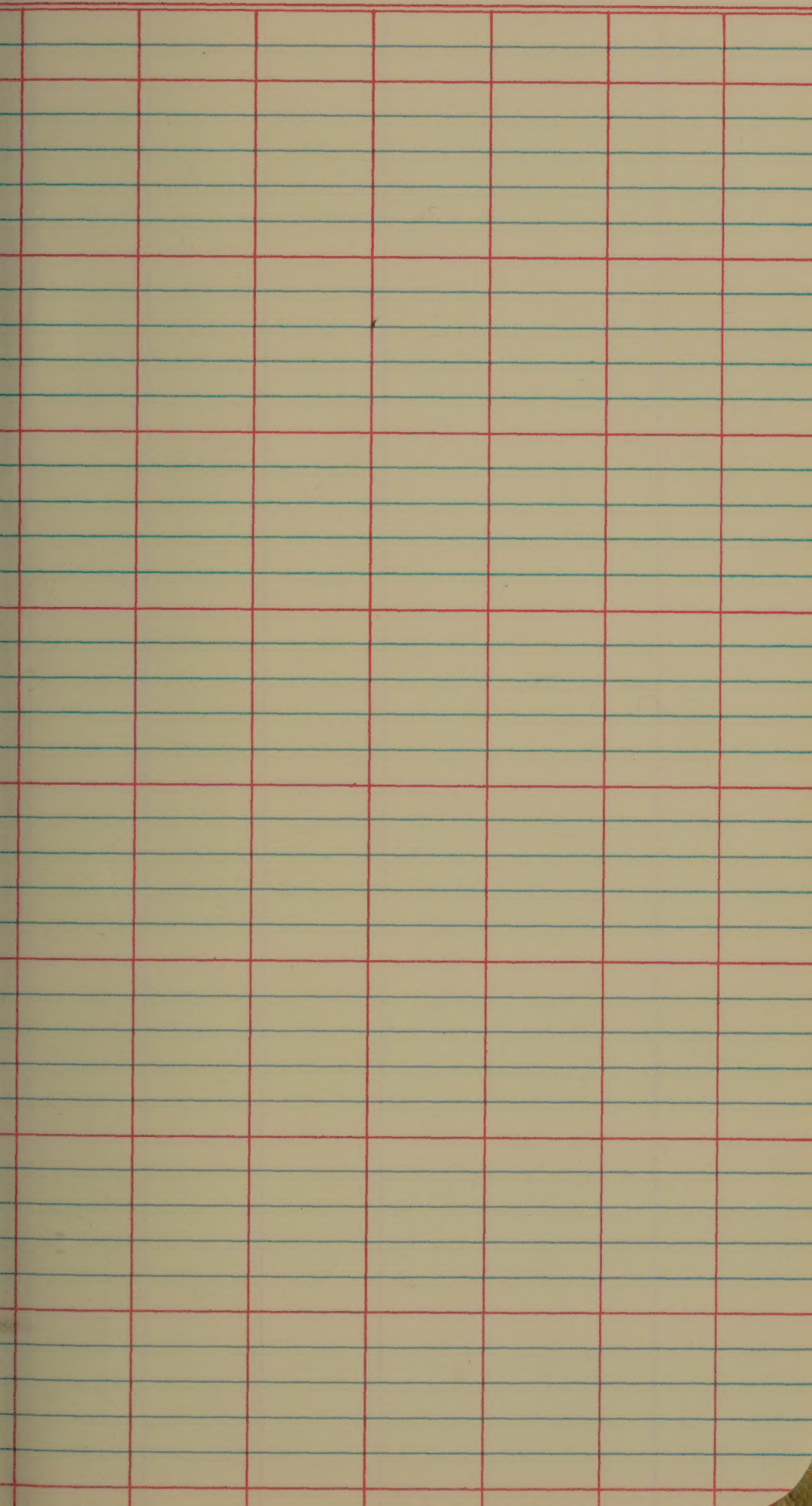
7/20

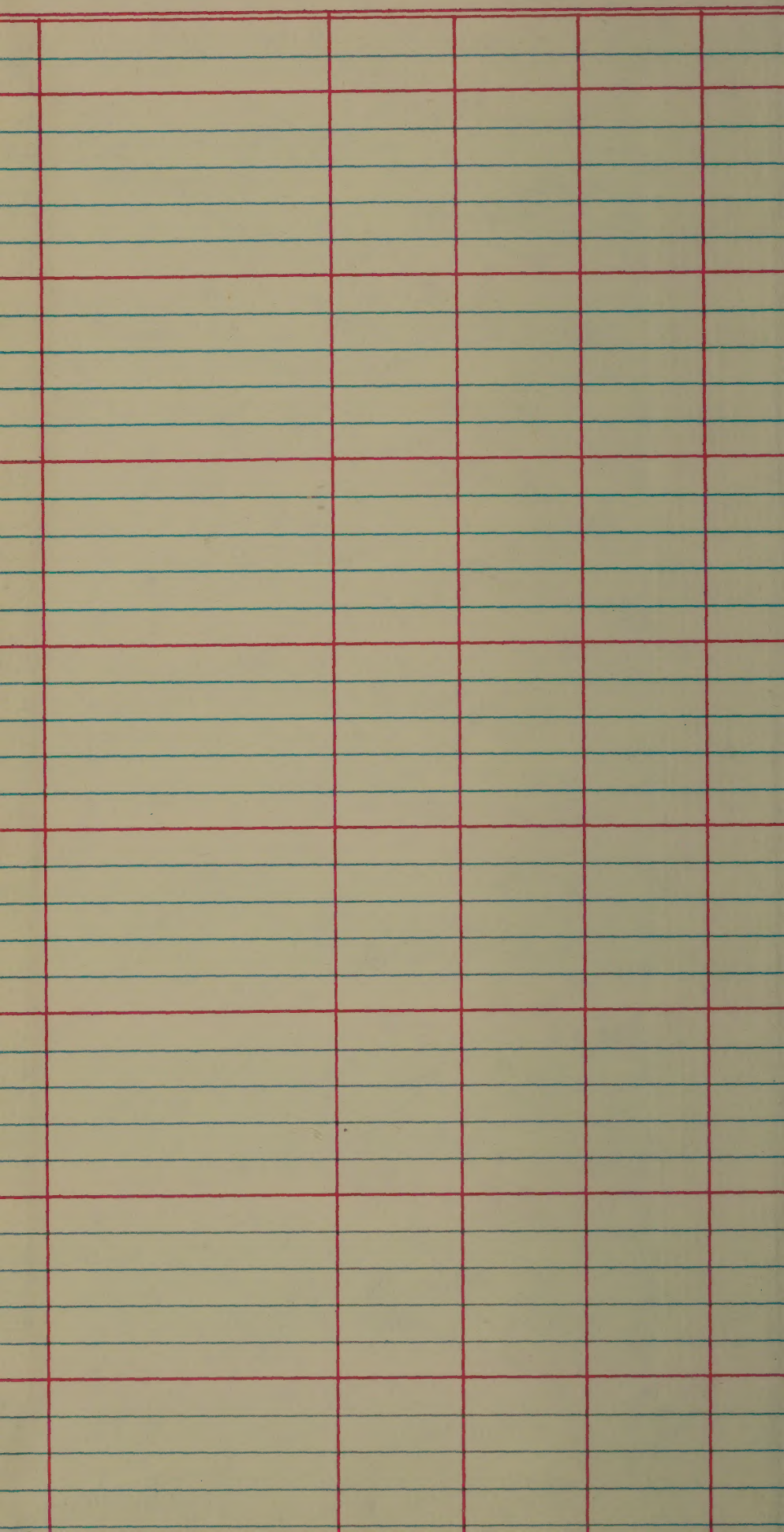
6500

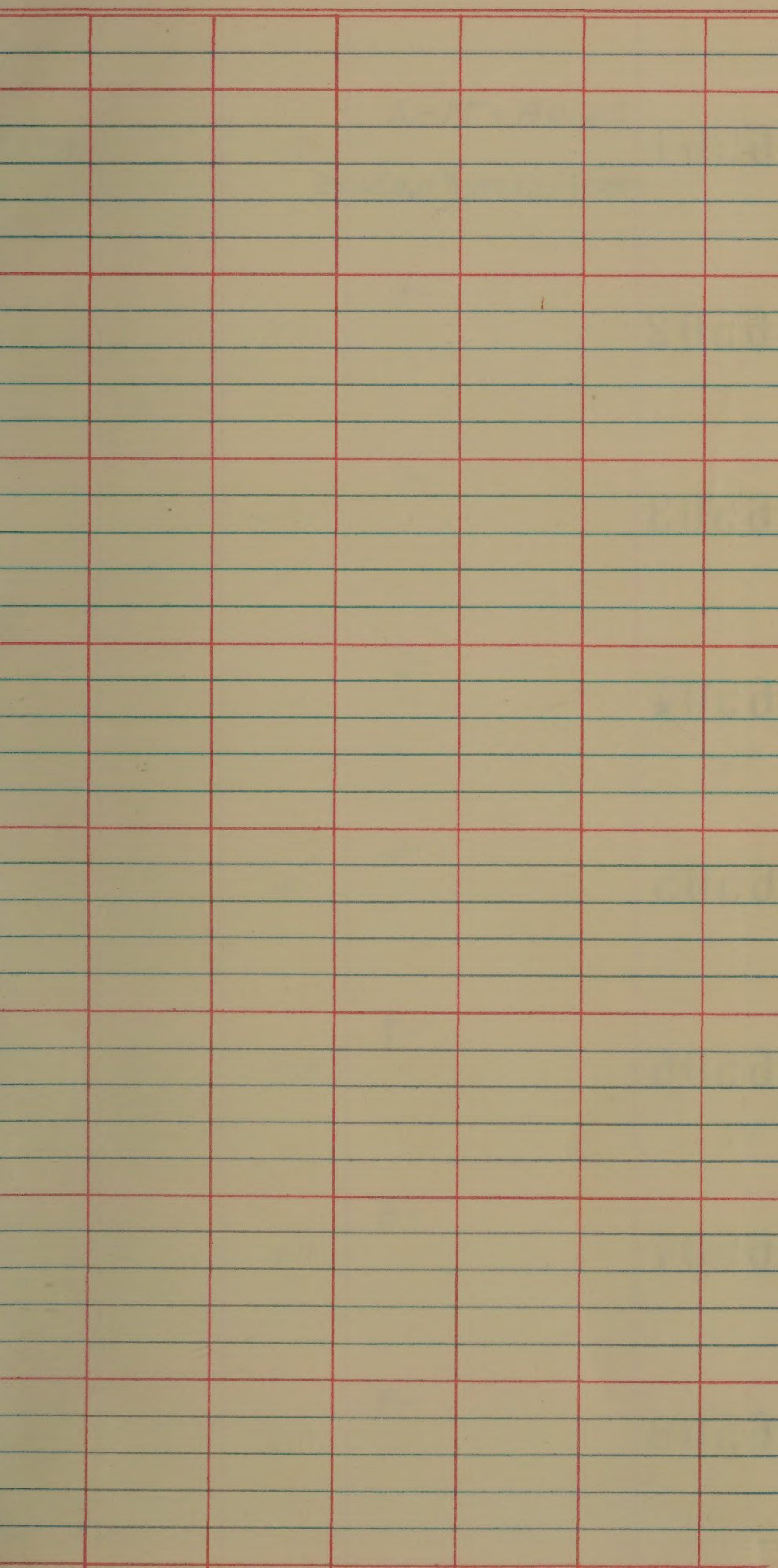
CBDA-79-1

7/15

8392







C610A-79-2

6501

7/19

8392

9881/331581//7603015

6502

-3

7/19

6503

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7/20

6504

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7/17

6505

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7/18

6506

-7

7/19

6507

-8

7/19

6508

-9

7/20

8392	C610A-79-10	7/19	6509
8393	C610A-80-1	7/15	6510
	-2	7/13	6511 ✓ p/p
	-3	7/17	6512
	-4	7/16	6513
	-5	7/14	6514 ✓ p/p bk 8/30
	-6	7/17	6515
	-7	7/14	6516

6517	C610A-80-8	7/17	8393
✓ pip			
6518	-9	7/15	
6519	-10	7/17	
✓ pip		DMT	
br 8/30			
6520	RU7703008	7/20	79/8
br 8/30			
6521	C610A-83-1	7/18	8396
6522	-2	7/20	
6523	-3	7/16	
6524	-4	7/17	

-5

7/15

6525

-6

7/12

6526

-7

7/16

6527

✓
P/P

-8

7/13

6528

Dm

✓
P/P

b/c 8130

-9

7/17

6529

-10

7/17

6530

✓
P/P

C610A-89-1

8402

7/18

6531

-2

7/17

6532

✓
P/P

6533

-3

7/14

6534

-4

7/20

6535

-5

7/19

6536

-6

7/19

6537

-7

7/18

6538

-8

7/19

✓
P/P

6539

-9

7/16

6540

-10

7/20

8411

C610A-98-1

7/16

6541

P/p ✓

-2

7/19

6542

DT

P/p ✓

bk 8/30

-3

7/19

6543

-4

7/20

6544

P/p ✓

-5

7/20

6545

-6

7/20

6546

-7

7/15

6547

DmT

P/p

bk 8/30

-8

7/15

6548

6549

-9

7/17

6550

-10

7/15

✓

P/p

6551

RU8101007

7/14

7

bK 8/30

6552

C610A-100-1

7/20

8413

6553

-2

7/20

✓

P/p

6554

-3

7/19

6555

-4

7/18

✓

P/p

bK 8/30

DmT

6556

-5

7/18

8413	C610A-100-6	7/20	6557
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	-7	7/21	6558
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	-8	7/20	6559
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DT
p/p
bk 8/30

	-9	7/19	6560
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	-10	7/22	6561
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8414	C610A-101-1	7/19	6562
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	-2	7/17	6563
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	-3	7/16	6564
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DNT

p/p
bk 8/30

6565	C610A-101-4	7/16	8414
6566	-5	7/17	
6567	-6	7/17	
6568	-7	7/18	
6569	-8	7/17	
6570	-9	7/17	
6571	-10	7/15	
✓ 8/9			
6572	L-201	7/11	Biggs
bx 8/30			

C610A-103-1

8416

7/17

6573

-2

7/16

6574

-3

7/18

6575

-4

7/15

6576

✓
P/P

-5

7/18

6577

-6

7/15

6578

-7

7/16

6579

-8

7/16

6580

6581

C610A-103-9

7/19

8416

6582

-10

7/16

✓
P/P

6583

C610A-105-1

7/20

8418

6584

-2

7/20

✓
P/P
bk 8/30

D_{MT}

6585

-3

7/20

6586

-4

7/19

✓
P/P
bk 8/30

D_T

6587

-5

7/20

6588

-6

7/16

✓
P/P
bk 8/30

D_m

-7

7/19

6589

-8

7/17

6590

-9

7/16

6591

Dm

P/p

bx 8/30

-10

7/18

6592

8422

C610A-109-1

7/15

6593

Dmt

P/p

bx 8/30

-2

7/16

6594

-3

7/15

6595

-4

7/18

6596

DT

P/p

bx 8/30

6597

-5

7/17

6598

-6

7/18

6599

-7

7/15

6600

-8

7/15

✓
P/P
6601

-9

7/17

✓
P/P
bx 8/30
6602

-10

7/17

6603

C610A-111-1

7/14

8424

✓
P/P
6604

-2

7/13

8424

C610A-III-3

7/12

6605

-4

7/14

6606

-5

7/16

6607

-6

7/18

6608

-7

7/16

6609

-8

7/16

6610

DnT

P/P ✓

bk 8/30

-9

7/14

6611

P/P ✓

-10

7/15

6612

6613	C610A-112-1	7/16		8425
6614	-2	7/15		
6615	-3	7/18		
6616	-4	7/17		
6617	-5	7/17		
6618	-6	7/13		
✓ 6618				
6619	-7	7/13		
6620	-8	7/15		

-9

7/17

6621

✓
PIP

-10

7/18

6622

RU7901045

45

7/23

6623

bx 8/30

C610A-114-1

8427

7/14

6624

9881/331581//7603015

-2

7/14

6625

-3

7/14

6626

-4

7/15

6627

-5

7/15

6628

✓ PIP

✓
818

6632
✓
P/P

✓
P/P

6634 C610A-118-1

8431

✓ 2/6

7/16

-4

7/15

6637

✓
P/P

-5

7/16

6638

✓
P/P

-6

7/14

6639

-7

7/15

6640

✓
P/P

-8

7/14

6641

-9

7/16

6642

✓
P/P

-10

7/16

6643

C610A-119-1

8432

7/18

6644

82/615

IG-1 (4)

Dms

P/P

bK 8/30

6645

-2

7/16

6646

-3

7/18

6647

-4

7/15

6648

-5

7/20

6649

-6

7/19

6650

-7

7/17

✓ e/p

bK 8/30

Dms

6651

-8

7/17

6652

-9

7/16

✓ p/p

-10

7/19

6653

BBLE

2544

7/19

6654

bx 8/30

C610A-BK-BK-1

8301-10

7/20

6655

9881/331581//7603015

-2

7/18

6656

P/P ✓

-3

7/19

6657

-4

7/19

6658

-5

7/15

6659

P/P ✓

-6

7/19

6660

P/P ✓

DmT

bx 8/30

C610A-BK-BK-7

6661

7/20

8301-10

6662

-8

7/21

6663

-9

7/23

✓ P

bk 8/30

DT

6664

-10

7/20

6665

-11

7/16

6666

-12

7/19

6667

-13

7/20

6668

-14

7/20

✓ P/P

bk 8/30

DT

8301-10	C610A-Bk-Bk-15	7/20	6669
	-16	7/18	6670
	-17	7/19	6671
	-18	7/20	6672
	-19	7/17	6673
	-20	7/18	6674
		Dmr	P/p bx 8/30
2560	RU160 3069	7/19	6675
			bx 8/30
8301-10	C610A-Bk-Bk-21	7/20	6676

C610A-Bk-Bk-22

6677

7/21

8301-10

✓ P/P

DMT

OK 8/30

-23

6678

7/15

-24

6679

7/15

✓ P/P

-25

6680

7/19

✓ P/P

-26

6681

7/19

-27

6682

7/22

-28

6683

7/20

-29

6684

7/18

✓ P/P

DT

OK 8/30

CG10A-Bk-Bk-30

8301-10

7/18

6685

-31

7/20

6686

-32

7/16

6687

DNT

P/P ✓

bk 8/30

-33

7/24

6688

-34

7/21

6689

-35

7/16

6690

P/P ✓

-36

7/20

6691

-37

7/19

6692

DNT

P/P ✓

bk 8/30

C610A - Bk - Bk - 38

6693

7/21

8301-10

6694

-39

7/16

✓
P/p

6695

-40

7/14

6696

-41

7/21

6697

-42

7/20

6698

-43

7/15

✓
P/p

6699

-44

7/17

✓
P/p

6700

-45

7/20

8301-10	C610A-Bk-Bk-46	7/22	6701
	-47	7/20	6702
	-48	7/17	6703
		Dm	p/p bk 8/30
	-49	7/18	6704
	-50	7/17	6705
	-51	7/17	6706
		Df	p/p bk 8/30
	-52	7/21	6707
	-53	7/19	6708

6709

C610A-Bk-Bk-54

7/18

8301-10

6710

-55

7/14

✓
P/P

6711

-56

7/18

6712

-57

7/19

✓
P/P

6713

-58

7/17

✓
P/P

6714

-59

7/20

6715

-60

7/17

✓
P/P

6716

-61

7/15

8301-10	C610A-BK-BK-62	7/19	6717
	-63	7/15	6718
		DmS	P/P ✓ bk 8/30
	-64	7/21	6719
		DmT	P/P ✓ bk 8/30
	-65	7/14	6720
		DmT	P/P ✓ bk 8/30
	-66	7/21	6721
	-67	7/20	6722
		DmT	P/P ✓ bk 8/30
	-68	7/19	6723
	-69	7/20	6724

6725

C610A-Bk-Bk-TO

7/19

6726

RU7603091

7/24

2567

bk 8/30

6727

C610A-Bk-Bk-71

7/18

8301-10

6728

-72

7/16

✓

Pip

Dm

bk 8/30

6729

-73

7/17

6730

-74

7/17

6731

-75

7/16

✓

Pip

6732

-76

7/19

8301-10	C610A-BK-BK-77	7/20	6733
	-78	7/17	6734
	-79	7/20	6735
	-80	7/14	6736
	-81	7/20	6737
	-82	7/20	6738
	-83	7/18	6739
	-84	7/15	6740

C610A-BK-BK-85

6741

7/20

8301-10

-86

6742

7/16

✓

P/P

Don

bk 8/30

-87

6743

7/21

-88

6744

7/20

✓

P/P

Don

bk 8/30

-89

6745

7/23

-90

6746

7/21

✓

P/P

DT

bk 8/30

-91

6747

7/20

-92

6748

7/16

✓

P/P

C610A-Bk-Bk-93

8301-10

7/22

6749

Pip ✓

RU T802003

2880

7/16

6750

b/c 8/30

C610A-Bk-Bk-94

8301-10

7/21

6751

-95

7/23

6752

-96

7/21

6753

-97

7/20

6754

DmT

Pip
b/c 8/30

-98

7/23

6755

-99

7/21

6756

C610A-Bk-Bk-100

6757

7/17

8301-10

6758

-101

7/15

✓
P/P

6759

-102

7/17

✓
P/P



bK 8/30

DMT

6760

-103

7/21

6761

-104

7/21

✓
P/P

bK 8/30

DMT

6762

-105

7/15

6763

-106

7/20

✓
P/P

6764

-107

7/21

✓
P/P

bK 8/30

DT

8301-10	C610A-BK-BK-108	7/17	6765
	-109	7/17	6766 ✓ p/p
	-110	7/24	6767
	-111	7/19 DM	6768 ✓ p/p bk 8/30
	-112	7/19 DT	6769 ✓ p/p bk 8/30
	-113	7/23	6770
	-114	7/19 DMT	6771 ✓ p/p bk 8/30
	-115	7/21	6772

6773

C610A-BK-BK-116

7/17

8301-10

6774

-117

7/22

6775

LBLE

7/11

HR

bk 8/30

6776

C610A-BK-BK-118

7/19

8301-10

6777

-119

7/21

6778

-120

7/21

✓

P/P

bk 8/30

D.M.T

6779

-121

7/22

6780

-122

7/20

✓

P/P

8301-10	C610A-BK-BK-123	7/20	6781
	-124	7/23	6782
	-125	7/20	6783
		D _T	p/p ✓ bk 8/30
	-126	7/17	6784
	-127	7/19	6785
	-128	7/17	6786
	-129	7/17	6787
	-130	7/21	6788
		D _T	p/p ✓ bk 8/30

6789

C610A-Bk-Bk-131

7/20

8301-10

6790

-132

7/19

6791

-133

7/22

6792

-134

7/17

✓ P/p

bK 8/30

Dm

6793

-135

7/17

6794

-136

7/18

✓ P/p

6795

-137

7/16

6796

-138

7/17

✓ P/p

bK 8/30

NS

Date seeded; 5/1/82

19

8301-10	C610A-Bk-Bk-139	7/17	6797
	-140	7/17	6798 ✓
		Dm	bk 8/20 P/P ☆
	-141	7/19	6799 ✓
			P/P
	-142	7/18	6800 ✓
			P/P
8436-47	C610A-Bk-1	7/16	6801 ✓
	9881/331581//7603015		P/P
	-2	7/16	6802 ✓
			P/P
	-3	7/15	6803
	-4	7/18	6804 ✓
		DmT	P/P bk 8/30

6805

CG10A-BK-5

7/16

8436-47

6806

-6

7/16

6807

-7

7/14

✓ P/P
BK 8/30

D_{MT}

6808

-8

7/15

✓ P/P

6809

-9

7/15

✓ P/P
BK 8/30

D_m

6810

-10

7/15

6811

-11

7/16

6812

-12

7/16

✓ P/P

C610A-Bk-13

8436-47

7/16

6813

-14

7/15

6814

-15

7/16

6815

-16

7/19

6816

-17

7/16

6817

-18

7/17

6818

-19

7/14

6819

-20

7/19

6820

6821

C610A-Bk-21

7/15

8436-47

6822

-22

7/18

✓
p/p
bk 8/30

DT

6823

-23

7/16

6824

-24

7/17

6825

RU8003043

7/21

HR

bk 8/30

6826

C610A-Bk-25

7/17

8436-47

6827

-26

7/15

✓
p/p
bk 8/30D_{mt}

6828

-27

7/16

C610A-Bk-28

8436-47

7/19

6829

-29

7/15

6830

-30

7/14

6831

✓
P/P

-31

7/18

6832

✓
P/P

-32

7/17

6833

-33

7/16

6834

-34

7/14

6835

-35

7/9

6836

C610A-Bk-36

6837

7/17

8436-47

6838

-37

7/17

✓
P/p
bk 8/30

D_{MT}

6839

-38

7/18

✓
P/p

6840

-39

7/15

6841

-40

7/17

✓
P/p
bk 8/30

D_{MT}

6842

-41

7/17

6843

-42

7/17

6844

-43

7/22

C610A-Bk-44

8436-47

7/15

6845

bad sheath blight!

-45

7/15

6846

bad sheath blight!

-46

7/16

6847

p/p ✓

-47

7/20

6848

-48

7/18

6849

p/p ✓

LEAH

26

7/20

6850

bx 8/30

C610A-Bk-49

8436-47

7/17

6851

p/p ✓

-50

7/19

6852

6853	C610A-BK-51	7/21	8436-47
6854	-52	7/16	
✓ P/P bk 8/30		Dm	
6855	-53	7/16	
6856	-54	7/15	
✓ P/P			
6857	-55	7/18	
✓ P/P			
6858	-56	7/18	
6859	-57	7/15	
✓ P/P bk 8/30		Dm	
6860	-58	7/18	

C610A-BK-59

8436-47

7/16

6861

-60

7/16

6862

pip ✓

-61

7/18

6863

-62

7/19

6864

-63

7/17

6865

-64

7/15

6866

-65

7/17

6867

-66

7/20

6868

no pip!

8/30 ✓

6869	C610A-Bk-67	7/18	8436-47
------	-------------	------	---------

6870	-68	7/21	
------	-----	------	--

6871	-69	7/19	
------	-----	------	--

6872	-70	7/17	
✓ P/P b/c 8/30		Dmt	

6873	-71	7/20	
------	-----	------	--

6874	-72	7/17	
------	-----	------	--

6875	RV7603015	7/19	HR
b/c 8/30			

6876	C610A-Bk-73	7/20	8436-47
------	-------------	------	---------

C610A-13x-74

8436-47

7/19

6877

-75

7/17

6878

-76

7/20

6879

pip ✓

-77

7/18

6880

-78

7/20

6881

-79

7/24

6882

-80

7/20

6883

Dr

pip ✓

bk 8130

-81

7/19

6884

6885

C610A-BK-82

7/18

8436-47

6886

-83

7/20

6887

-84

7/18

6888

-85

7/20

✓ P/P
BK 8/30

Dim

6889

-86

7/18

6890

-87

7/19

6891

-88

7/18

✓ P/P

6892

-89

7/17

✓ P/P

8436-47	C61DA-BK-90	7/19	6893
	-91	7/20	6894
	-92	7/20	6895
	-93	7/19	6896
	-94	7/17	6897
	-95	7/17	6898
	-96	7/16	6899
	-97	7/15	6900

Dm

p/p
bk 8/30

p/p ✓

6901

C610A-Bk-98

7/21

8436-47

6902

-99

7/22

6903

-100

7/20

6904

-101

7/17

6905

-102

7/18

✓
P/P
6906

-103

7/20

6907

-104

7/20

6908

-105

7/15

8436-47	C610A-BK-106	7/15	6909
	-107	7/14	6910
	-108	7/18	6911 ✓ 1/p
	-109	7/19 Dm	6912 ✓ p/p
	-110	7/15	6913 ✓ p/p bk 8/13
	-111	7/14	6914
	-112	7/18	6915
	-113	7/15	6916

6917	C610A-BK-114	7/16	8436-47
------	--------------	------	---------

6918	-115	7/18	
------	------	------	--

V
P/P

6919	-116	7/15	
------	------	------	--

6920	NWRX	7/22	BR
------	------	------	----

bk 8/30

6921	C610A-BK-BK-BK ↓	7/16	8361-10 bk
------	---------------------	------	---------------

6922		7/15	
------	--	------	--

6923		7/16	
------	--	------	--

6924		7/17	
------	--	------	--

bk 9/3

C610A-Bk3

↓

8301-10

bks

7/17

6925

7/17

6926

7/18

6927

7/17

6928

7/16

6929

7/15

6930

7/17

6931

7/17

6932

6933

C610A-Bx₂

↓

7/19

8301-10

bxc

6934

7/16

6935

7/14

6936

b/c 9/3

7/16

6937

7/13

6938

7/17

6939

7/17

6940

7/15

HR	LENT	7/17	6941
			bk 9/9
PR3241-65 bk	C610A-BK4 ↓	7/13	6942
		7/13	6943
		7/13	6944
	bk 9/3	7/12	6945
		7/14	6946
		7/13	6947
		7/17	6948

6949	CBIDA-BK4 ↓	7/16	PR3241-65 bk
------	----------------	------	-----------------

6950		7/15	
------	--	------	--

6951		7/14	
------	--	------	--

6952	bk 9/3	7/14	
------	--------	------	--

6953		7/15	
------	--	------	--

6954		7/14	
------	--	------	--

6955		7/12	
------	--	------	--

6956		7/14	
------	--	------	--

C610A-BK4

PR 3241-65

↓

bk

7/15

6957

7/13

6958

7/18

6959

7/15

6960

bk 9/3

7/15

6961

7/15

6962

7/16

6963

7/15

6964

6965

C610A-BK4
↓

7/16

PR3241-65
bk

6966

7/18

6967

7/18

6968

bk 9/3

7/17

6969

7/16

6970

7/15

6971

7/14

6972

7/17

B7113A1 selection include upland plant type, including dwarf; all may be rather late; many good segs but frequently chilling; generally very sturdy; any bulked one okay for 1983 yield trial. Probably no real potential?

30

Some may be high yielding

C610A - Bk4

PR3241-65

bic

bk 9/3

7/18

6973

7/17

6974

PI 408449

2452

7/27

6975

bk 9/9

B7513A1 - Bk2 - 2 - 1

3203

7/24

6976

372041 / LBNT // LBNT

-2

7/24

6977

-3

7/27

6978

-4

7/22

6979

-5

7/20

6980

pl

B7513A1-Bk₂-4-1

6981

7/23

3205

✓ P/p
bk 9/3

-2

6982

7/23

-3

6983

7/24

-4

6984

7/17

-5

6985

7/21

B7513A1-Bk₂-9-1

6986

7/27

3210

-2

6987

7/25

-3

6988

7/25

-4

7/27

6989

-5

7/25

6990

B7513A1-BK₂-10-1

3211

7/30

6991

-2

7/30

6992

8/p

-3

7/29

6993

-4

7/31

6994

-5

7/30

6995

B7513A1-BK₂-12-1

3213

7/23

6996

6997

-2

7/24

3213

6998

-3

7/25

✓
P/P

bx 9/3

6999

-4

7/25

7000

-5

7/21

7001

BT513A1-BK₂-14-1

7/24

3215

7002

-2

7/22

7003

-3

7/23

7004

-4

7/19

-5

7/21

7005

BT513A1-Bk₂-17-1

3218

7/26

7006

-2

7/22

7007

-3

7/23

7008

-4

7/21

7009

flp
bks 9/3

-5

7/23

7010

BT513A1-Bk₂-19-1

3220

7/25

7011

-2

7/25

7012

7013

-3

7/23

3220

✓ P/p
bk 9/3

7014

-4

7/22

7015

-5

7/23

7016

B7513A1-Bk₂-22-1

7/24

3223

7017

-2

7/24

7018

-3

7/23

✓ P/p

7019

-4

7/22

7020

-5

7/23

3226	B7513A1-Bk ₂ -24-1	7/23	7021
------	-------------------------------	------	------

	-2	7/28	7022
--	----	------	------

	-3	7/23	7023
--	----	------	------

	-4	7/25	7024
--	----	------	------

	-5	7/24	7025
--	----	------	------

2479	PI 372041	7/29	7026
------	-----------	------	------

bx 9/9

3230	B7513A1-Bk ₂ -28-1	7/24	7027
------	-------------------------------	------	------

	-2	7/26	7028
--	----	------	------

fip ✓

bx 9/3

7029

-3

7/27

2977

7030

-4

7/16

7031

-5

7/27

7032

B7513A1-Bk₂-30-1

7/23

3232

7033

-2

7/16

7034

-3

7035

-4

7/21

7036

-5

7/25

3233

B7513A1-BK₂-31-1

7/23

7037

-2

7/22

7038

-3

7/22

7039

p/p

-4

7/18

7040

-5

7/17

7041

3234

B7513A1-BK₂-32-1

7/21

7042

-2

7/22

7043

-3

7/22

7044

7045

-4

7/21

7046

-5

7/23

7047

BT513A1-Bk₂-34-1

7/22

3236

✓
PP

BK 9/3

7048

-2

7/21

7049

-3

7/24

7050

-4

7/23

7051

-5

7/22

7052

LEAH

7/20

26

BK 9/9

3238

B7513A1 - Bk₂ - 36-1

7/24

7053

-2

7/27

7054

-3

7/24

7055

-4

7/23

7056

1/6 ✓

-5

7/27

7057

3244

B7513A1 - Bk₂ - 42-1

7/23

7058

-2

7/22

7059

-3

7/21

7060

full

7061

-4

7/20

7062

-5

7/27

7063

B7513A1-BK₂-43-1

7/20

3245

7064

-2

7/24

7065

-3

7/21

7066

-4

7/21

7067

-5

7/23

7068

B7513A1-BK₂-44-1

7/26

3246

✓ P/P

bx 9/13

-2

7/26

7069

-3

7/22

7070

-4

7/25

7071

-5

7/24

7072

✓
P/P

bx 9/3

HR

BLMT

7/22

7073

bx 9/9

3247

B7513A1-Bk₂-45-1

7/25

7074

-2

7/25

7075

-3

7/26

7076

7077

-4

7/25

7078

-5

7/24

7079

BTS 13A1-BK₂-47-1

7/26

3249

7080

-2

7/25

7081

-3

7/25

7082

-4

7/25

7083

-5

7/25

7084

BTS 13A1-BK₂-49-1

7/22

3252

-2

7/23

7085

-3

7/22

7086

P/P

box 9/3

-4

7/24

7087

-5

7/23

7088

3253

BT513A1-BK₂-50-1

7/26

7089

-2

7/24

7090

-3

7/24

7091

-4

7/25

7092

P/P ✓

7093

-5

7/26

7094

B7513A1-Bk₂-51-1

7/23

3254

7095

-2

7/25

7096

-3

7/23

7097

-4

7/25

7098

-5

7/22

7099

B7513A1-Bk₂-55-1

7/26

3258

7100

-2

7/25

-3

7/24

7101

-4

7/24

7102

-5

7/18

7103

BT513A1 - Bk₂-56-1

3259

7/22

7104

-2

7/20

7105

-3

7/24

7106

-4

7/23

7107

-5

7/24

7108

t/p ✓

7109

BT513A1-Bk₂-58-1

7/22

3261

7110

-2

7/23

7111

-3

7/19

7112

-4

7/23

7113

-5

7/20

7114

BT513A1-Bk₂-60-1

7/19

3263

7115

-2

7/19

7116

-3

7/19

-4

7/20

7117

P/p ✓

b/c 9/3

-5

7/19

7118

BT513A1-BK₂-61-1

3264

7/26

7119

-2

7/22

7120

-3

7/21

7121

-4

7/25

7122

-5

7/23

7123

LIBLE

HR

7/11

7124

7125

BT513A1-Bk₂-65-1

7/25

3268

7126

-2

7/26

7127

-3

7/27

7128

-4

7/28

7129

-5

8/1

7130

BT513A1-Bk₂-69-1

7/25

3272

7131

-2

7/22

7132

-3

7/25

-4

7/23

7133

-5

7/25

7134

BT513A1-BK₂-T3-1

3277

7/20

7135

-2

7/24

7136

-3

7/24

7137

-4

7/21

7138

-5

7/21

7139

pip ✓

bxc 9/3

BT513A1-BK₂-81-1

3285

7/20

7140

7141

-2

7/22

7142

-3

7/23

7143

-4

7/25

7144

-5

7/22

7145

B7513A1-BK₂-84-1

7/19

3288

7146

-2

7/21

7147

-3

7/25

7148

-4

7/26

-5

7/21

7149

RU8003043

HR

7/21

7150

bx 9/9

BT513A1-BK₂-88-1

3292

7/22

7151

-2

7/23

7152

P/P ✓

bx 9/3

-3

7/23

7153

-4

7/23

7154

-5

7/20

7155

BT513A1-BK₂-92-1

3296

7/17

7156

		-2			
7157			7/19		
		-3			
7158			7/17		
		-4			
7159			7/24		
		-5			
7160			7/17		
7161	137513A1-Bx ₂ -95-1		7/27		3299
		-2			
7162			7/22		
		-3			
7163			7/25		
		-4			
7164			7/27		

-5

7/24

7165

HR

LBNT

7/21

7166

bic 9/9

37513A1-Bk₃-1

3301-24

7/23

7167

-2

7/22

7168

-3

7/23

7169

-4

7/17

7170

-5

7/20

7171

-6

7/25

7172

7173	B7513A1-Br ₃ -7	7/31	3301-24	
7174	-8	7/26		
7175	-9	7/17		
7176	-10	7/22		
✓ P/p br 4/3				
7177	-11	7/22		
7178	-12	7/25		
7179	-13	7/19		
7180	-14	7/24		

B7513A1-Bk₃-15

3301-24

7/23

7181

-16

7/21

7182

rip

b/c 9/3

-17

7/27

7183

rip

-18

7/29

7184

-19

7/21

7185

rip

-20

7/25

7186

-21

7/27

7187

-22

7/22

7188

B7513A1-Bk₃-23

7189

7/24

3301-24

-24

7190

7/23

-25

7191

7/20

-26

7192

7/23

-27

7193

7/22

-28

7194

7/27

-29

7195

7/20

-30

7196

7/21

pp

bk 9/3

B7513A1-Bk₃-31

3301-24

7/23

7197 ✓

P/P

-32

7/24

7198

-33

7/25

7199

-34

7/27

7200

-35

7/23

7201

-36

7/24

7202

-37

7/20

7203 ✓

P/P

bk 9/3

-38

7/25

7204

B7513A1-Bk3-39

7205

7/20

3301-24

✓
P/P

bx 9/3

-40

7206

7/22

-41

7207

7/20

-42

7208

7/21

✓
P/P

bx 9/3

-43

7209

7/24

-44

7210

7/20

✓
P/P

-45

7211

7/21

✓
P/P

-46

7212

7/20

3301-24	B7513A1-Bk ₃ -47	7/23	7213
	-48	7/21	7214
	-49	7/20	7215
	-50	7/20	7216 p/p
	-51	7/20	7217
	-52	7/21	7218
	-53	7/18	7219
	-54	7/18	7220

7221

BT513A1-Bk₃-55

7/20

3301-24

7222

-56

7/21

7223

PI 331581

7/21

2562

bK 9/8

7224

BT513A1-Bk₄

↓

7/21

3301-24

bK

7225

7/21

7226

bK 9/8

7/21

7227

7/19

7228

7/18

BT513A1-BK4

3301-24

bx

↓

7/19

7229

7/17

7230

7/19

7231

7/19

7232

bx 7/8

7/18

7233

7/17

7234

7/20

7235

7/22

7236

7237

BT513A1-Bk₄

↓

7/21

3301-24

7238

7/19

bk 2/8

7239

7/20

7240

7/18

7241

NP 130

7/19

2474

bk 9/8

7242

BT715A1-Bk₂

↓

7/8

3026-49

bks

9851/331581// NP 130

7243

7/13

2/8

7244

7/10

bk

B7715A1-Bk₂

3026-49



b/c

7/11

7245

7/10

7246

7/9

7247

7/9

7248

7/12

7249

7/12

7250

7/11

7251

7/12

7252

7253

B7715A1 - Bx₂

↓

7/11

3026-49

b/c

7254

7/11

7255

7/11

7256

b/c 9/8

7/12

7257

7/12

7258

7/12

7259

7/12

7260

7/12

BT715A1-BK₂

↓

3026-49

bk

7/11

7261

7/12

7262

9/8

bk

7/12

7263

7/12

7264

BLMT

HR

7/18

7265

bk 7/9

BT447A1-BK₃

↓

3126-49

bk

7/14

7266

LBNT/CCM4//LBNT

7/13

7267

bk 9/8

7/12

7268

7269

BT447A1- Bk3

↓

7/12

3126-49

bx

7270

7/14

7271

7/13

7272

6/14 9/8

7/13

7273

7/14

7274

7/13

7275

7/13

7276

7/12

B7447A1-Bk₃

3126-49

↓

bk

7/13

7277

7/14

7278

7/13

7279

7/12

7280

7/13

7281

7/12

7282

7/13

7283

7/12

7284

bk 9/18

7285

BT447A1-Bk₃

↓

7/11

3126-49

bk

7286

7/13

7287

7/12

7288

bk 9/8

7/13

7289

7/15

7290

7/15

7291

7/13

7292

7/10

BT447A1-Bk₃

3126-49

bk

↓

7/12

7293

7/9

7294

7/14

7295

7/12

7296

7/13

7297

7/14

7298

7/14

7299

CICA-4

2475

7/30

7300

bk 8/31

7301		7/27		2640	
bk 8/31	St. hd!				
7302		7/20		2573	
bk 8/31					
7303		7/27		2671	
bk 8/31					
7304		7/18		2672	
bk 8/31					
7305		7/27		5803	
bk 8/31					
7306		7/30		5804	
bk 8/31					
7307		7/27		5805	
bk 8/31					
7308		7/20		43	
bk 8/17					

50

7/16

7309

bk 8/17

46

7/12

7310

bk 8/17

26

7/20

7311

bk 8/17

4473

7/15

7312

bk 8/17

2567

7/27

7313

bk 8/17

15

7/15

7314

bk 8/17

5

7/8

7315

bk 8/11

12915

7/8

7316

bk 8/11

7317		7/21	121
bk 8/17			
7318		7/10	21
bk 8/6			
7319		7/13	110
bk 8/11			
7320		7/15	117
bk 8/11			
7321		7/11	118
bk 8/11			
7322		7/22	1234
bk 8/31	reverse PB		
7323		7/9	82
bk 8/6			
7324		7/22	343
bk 8/31	reverse PB		

14821-22

7/10

7325

bk 9/8

1206

7/14

7326

bk 8/11

2775

7/28

7327

bk 8/31

79/1503

6/27

7328

Hv. 7/27

79/1504

7/3

7329

Hv. 7/27

79/1505

6/27

7330

Hv. 7/27

1809

7/16

7331

bk 8/31

12713-15

7/12

7332

bk 8/6

7333

7/15

5492

H. ?

7334

7/16

5500

bk 8/11

7335

7/26

5609

bk 8/31

7336

7/27

5627

bk 8/31

7337

7/20

44

bk 8/31

7338

7/19

48

bk 8/31

7339

7/17

53

bk 8/31

7340

7/20

30

bk 8/31

115

Severe PB

7/19

7341

bk 8/31

16

7/6

7342

bk 8/11

41

7/15

7343

bk 8/17

24

7/18

7344

bk 8/17

25

7/13

7345

bk 8/31

23

7/11

7346

Severe PB

bk 8/11

81

7/7

7347

bk 8/11

99

7/14

7348

bk 8/17

7349

7/19

108

bk 8/17

7350

7/19

111

bk 8/17

7351

7/16

149

bk 8/31

7352

7/15

185

bk 8/31

7353

7/22

199

bk 8/31

7354

7/16

105

bk 8/11

7355

7/18

148

bk 8/31

7356

7/18

122

bk 8/31

162

7/23

7357

bk 8/31

169

7/16

7358

bk 8/17

174

7/19

7359

bk 8/31

1

Identity? Not L-201

7/6

7360

bk 8/11

55

7/14

7361

bk 8/31

90

7/14

7362

bk 8/31

126

7/10

7363

bk 8/17

4837-38

7/6

7364

bk 8/11

7365		7/21	14841-42
bk 8/31			
7366	seg. ht.	7/17	12507-09
bk 8/31			
7367		7/12	12518-20
bk 8/31			
7368		8/20	2179-80
Hv 9/24			
7369		8/17	2201-02
Hv 9/24			
7370		8/18	2199-2200
Hv 9/24			
7371	WT ₅	7/28	10453
bk 8/31			
7372		8/1	10525
bk 8/31			

78/2101-10

7/10

7373

Hv. 8/2

14901-08

7/11

7374

bk 8/17

2340-45

6/26

7375

Hv. 7/27

2368

7/11

7376

Hv. 7/27

2315

7/9

7377

100% lodged

Hv. 8/2

2317

7/4

7378

Hv. 7/27

2378

6/27

7379

Hv. 7/27

Della

81 border

7/20

7380

bk 8/17

7381	Basmati 370	$\pm 9/3$		2001-20
7382		$7/21$		2281
bx 9/8				
7383		$8/8$		2304-06
bx 9/8				
7384		$8/3$		2307-09
bx 9/8	100% lodged early			
7385		$7/22$		2310-12
bx 9/8				
7386		$7/28$		2313-15
bx 9/8				
7387		$7/21$		2316-18
bx 9/8				
7388		$7/23$		2319-21
bx 9/8				

2322-24

7/21

7389

bk 8/31

OS-6

2464

7/25

7390

bk 8/31

2523

7/25

7391

100% lodged early

2622

7/11

7392

bk 8/11

28

7/17

7393

bk 8/11

PI 408449

2452

7/24

7394

Hv. 9/24

2336-39

7/7

7395

bk 8/31

78/15

7/17

7396

bk 8/17

Date seeded: 5/1/82

7397	RUS103085	7/22		85
bk 8/31				
7398	RUS103088	7/22		88
bk 8/17	Swine PB			
7399	Pi 4	7/29		2472
bk 8/31				
7400	CI 12273 (CI 8373)	7/8		80 Genetic
bk 7/27	Mutica	Hv. 7/27		
7401	C612A-BK-1-1	7/8		8616
✓ P/P	9881/331581//7402003			
7402	-2	7/8		
7403	-3	7/9		
7404	-4	7/10		
✓ P/P				
bk 8/31				

-5

7/7

7405

C612A-BK-2-1

8617

7/15

7406

-2

7/15

7407

✓
P/P

-3

7/14

7408

-4

7/14

7409

-5

7/13

7410

C612A-BK-3-1

8618

7/12

7411

-2

7/14

7412

✓
P/P

7413

-3
7/15

7414

-4
7/15

7415

-5
7/13

7416

CG12A-BK-4-1

82/576

7/22

8619

IG-1 (3)

7417

-2

7/19

✓
p
BK 8/31

7418

-3

7/20

7419

-4

7/19

7420

-5

7/19

✓
p/p

C612A-BK-6-1

8621

7/11

7421

-2

7/11

7422

-3

7/11

7423

pip ✓

-4

7/10

7424

-5

7/11

7425

RU7703008

79/8

7/18

7426

bk 8/31

C612A-BK-7-1

8622

7/9

7427

-2

7/9

7428

7429

-3

7/11

7430

-4

7/9

7431

-5

7/10

✓

P/p

br 8/31

7432

C612A-BK-9-1

7/12

8624

✓

P/p

7433

-2

7/11

7434

-3

7/11

7435

-4

7/12

7436

-5

7/10

8625	CG12A-BK-10-1	7/20	7437
------	---------------	------	------

	-2	7/19	7438
--	----	------	------

	-3	7/19	7439
--	----	------	------

P/P ✓

bk 8/31

	-4	7/23	7440
--	----	------	------

	-5	7/22	7441
--	----	------	------

8626	CG12A-BK-11-1	7/12	7442
------	---------------	------	------

	-2	7/12	7443
--	----	------	------

	-3	7/12	7444
--	----	------	------

P/P ✓

7445	-4 7/12		
7446	-5 7/13		
7447	C612A-BK-14-1 7/12	8629	
7448	-2 7/16		
7449	-3 7/13		
7450	-4 7/12		
7451	-5 7/11		
7452	RU7402003 7/11	2568	

8630

C612A-BK-15-1

7/16

7453

-2

7/19

7454

-3

7/12

7455

-4

7/12

7456

-5

7/13

7457

✓
P/P

8632

C612A-BK-17-1

7/18

7458

-2

7/15

7459

-3

7/10

7460

7461

-4
7/11

✓
P/P

7462

-5
7/11

7463

C612A-BK-18-1

7/8

8633

7464

-2
7/11

7465

-3
7/12

7466

-4
7/11

7467

-5
7/9

✓
P/P

7468

C612A-BK-19-1

7/22

8634

-2

7/21

7469

✓
np

bx 8/31

-3

7/23

7470

-4

7/23

7471

-5

7/23

7472

HR

LBLE

7/11

7473

bx 8/31

8636

C612A-Bk-21-1

7/15

7474

-2

7/14

7475

-3

7/12

7476

7477

-4

7/14

7478

-5

7/13

✓
p/p

bK 8/31

C612A-BK-22-1

7479

7/19

8637

82/577

IG-1(7)

7480

-2

7/18

✓
p/p

bK 8/31

7481

-3

7/17

7482

-4

7/20

7483

-5

7/18

7484

C612A-BK-23-1

7/13

8638

-2

7/13

7485

-3

7/14

7486

-4

7/13

7487

P/P

bk 8/31

-5

7/15

7488

C612A-Bk-24-1

8639

7/20

7489

82/578

IG-1 (2)

-2

7/20

7490

-3

7/20

7491

P/P

bk 8/31

-4

7/19

7492

7493	-5 7/20		
7494	CG12A-Bk-27-1 82/580 7/12	8642 IG-1(6)	
7495	-2 7/12		
7496	-3 7/13		
7497	-4 7/12		
7498	-5 7/12 ✓ P/P bk 8/31		
7499	CG12A-Bk-28-1 7/17	8643	
7500	-2 7/15 ✓ P/P		

-3

7/19

7501

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7502

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7503

C612A-BK-29-1

8644

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7504

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7505

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7506

✓
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7507

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7508

7509

C612A-BK-31-1

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8646

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✓ P/P

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C612A-BK-32-1

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8647

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✓
p/p

C612A-BK-33-1

8648

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7519

✓
p/p

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b/c 8/31

IG-1(6)

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RU7901045

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b/c 8/31

C612A-BK-34-1

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8649

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✓ P/p

bK 8/31

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C612A-BK₂-1

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8652-61

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✓ P/R

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7532

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C612A-Bk₂-4

8652-61

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7533

P/P ✓

b/c 8/31

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P/P ✓

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C612A - Bk₂ - 12

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8652-61

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✓ P/p

bK 8/31

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7547

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✓ P/p

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7/13

✓ P/p

bK 8/31

8652-61	C612A-Bk ₂ -20	7/12	7549
HR	LBNT	7/17	7550
			bk 8/31
8652-61	C612A-Bk ₂ -21	7/9	7551
	-22	7/13	7552
	-23	7/15	7553
	-24	7/14	7554
	-25	7/15	7555
			p/p ✓
			bk 8/31
	-26	7/10	7556
			p/p ✓

7557

C612A-Bk 2-27

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8652-61

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✓
P/P

bk 8/31

7560

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✓
P/P

7564

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C612A-Bk₂-35

8652-61

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7566

✓
P/p

b/c 8/31

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7568

✓
P/p

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7570

✓
P/p

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C612A-Bk₂-43

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8652-61

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LEAH

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bk 8/31

7576

C612A-Bk₂-45

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8652-61

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✓
P/R

7578

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✓
P/R

7579

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✓
P/R

bk 8/31

7580

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C612A-Bk₂-50

8652-61

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7581

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7583

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7584

P/P ✓

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7587

P/P ✓

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7588

P/P ✓

bk 8/31

7589

C612A-BK₂-58

7/17

8652-61

7590

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7591

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7593

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7595

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7596

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✓ 8/10

C612A-Bk₂-66

8652-61

7/13

7597

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7598

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7599

P/P ✓

b/c 8/31

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7600

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7601

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7602

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7603

-73

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7604

P/P ✓

7605	C612A-Bk ₂ -74	7/14	8652-61		
7606	-75	7/18			
7607	-76	7/18			
7608	-77	7/15			
7609	-78	7/14			
✓ p18					
7610	-79	7/17			
7611	-80	7/17			
✓ p18					
7612	-81	7/16			

C612A-B₂-82

8652-61

7/14

7613

-83

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7614

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7615

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7617

✓
P/P

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7618

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7619

-89

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7620

✓
P/P

bx 8/31

7621	C612A-Bk ₂ -90	7/14	8652-61
7622	-91	7/15	
✓ P/P			
7623	-92	7/15	
7624	-93	7/17	
7625	RU8003005	7/13	5
bx 8/31			
7626	C612A-Bk ₂ -94	7/16	8652-61
7627	-95	7/16	
✓ P/P			
7628	-96	7/14	

C612A-Bk₂-97

8652-61

7/15

7629

P/P ✓

bk 8/31

-98

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7630

-99

7/13

7631

-100

7/13

7632

P/P ✓

bk 8/31

-101

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7633

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7634

-103

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7635

P/P ✓

-104

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7636

C612A-BK₂-105

7637

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8652-61

7638

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7639

-107

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✓

P/P

bk 8/31

7640

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7641

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7642

-110

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✓

P/P

bk 8/31

7643

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7/20

✓

P/P

bk 8/31

7644

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C612A-Bk₂-113

8652-61

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7645

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7646

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7647

✓
p/p

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RU5003043

HR

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7650

bk 8/31

C612A-Bk₂-118

8652-61

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7651

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7652

C612A-Bic₂-120

7653

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8652-61

✓
P/p

bk 8/31

-121

7654

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-122

7655

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7656

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✓
P/p

bk 8/31

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7657

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7658

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7659

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✓
P/p

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7660

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C612A-Bk₂-128

8652-61

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7661

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7662

PIP ✓

bx 8/31

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7663

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7664

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7665

RV7603015

HR

7/20

7666

bx 9/9

C612A-1-1

8663

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7667

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7668

7669

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8663

7670

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✓
P/P

7671

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7672

C612A-2-1

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8664

✓
P/P

7673

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7674

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7675

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7676

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C612A-5-1

8667

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7677

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7678

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7679

✓
P/P

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7680

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7681

C612A-6-1

8668

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7682

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7683

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7684

✓
P/P

b15 8/31

7685

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7686

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7687

C612A-7-1

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8669

7688

-2

7/12

7689

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7691

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7692

C612A-12-1

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8674

✓
p/p
bk 8/31

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7693

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7696

C612A-13-1

8676

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7697

✓
P/p
bk 8/31

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7/17

7698

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7699

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7700

7701

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8676

7702

C612A-14-1

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8677

7703

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7704

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✓
P/p

7705

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7706

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✓
P/p
bk 8/31

7707

C612A-15-1

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8678

7708

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8678

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7709

P/P ✓

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7710

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7711

8686

C612A-21-1

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7712

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7713

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7714

P/P ✓

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7715

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7717

C612A-24-1

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8689

✓
P/P

7718

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C612A-25-1

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8690

7723

-2

7/14

✓
P/P

bk 8/31

7724

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HR

BLMT

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7727

bk 8/31

8613

C612A-28-1

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7728

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7729

t/p[✓]

bk 8/31

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7730

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7731

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7732

8/p[✓]

bk 8/31

C612A-29-1

7733

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8694

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7736

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✓
P/P

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7737

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C612A-30-1

7738

7/13

8695

-2

7739

7/13

✓
P/P

bK 8/31

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7740

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8695

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7741

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7742

C612A-32-1

8697

7/13

7743

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7744

P18 ✓

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7745

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7746

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7747

C612A-34-1

8699

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7748

7749

-2

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8699

7750

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7751

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7752

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✓
P/P

7753

CI 9902

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2563

bc 8/31

7754

C612A-36-1

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8701

7755

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7756

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7757

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7758

P/P ✓

C612A-40-1

8705

7/12

7759

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7760

P/P ✓

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7761

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7762

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7763

C612A-41-1

8706

7/17

7764

7765	-2	7/16		
✓ PIP				
7766	-3	7/12		
7767	-4	7/13		
7768	-5	7/14		
7769	C612A-42-1	7/14		8107
7770	-2	7/15		
7771	-3	7/13		
✓ PIP				
bk 8/31				
7772	-4	7/16		

-5

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7773

BR

NWRX

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7774

bk 8/31

8710

C612A-45-1

7/16

7775

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7776

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7777

✓
PIP

-4

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7778

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7779

8711

C612A-46-1

7/13

7780

	-2			
7781		7/15		
	-3			
7782		7/16		
✓ P/P				
bx 8/31				
	-4			
7783		7/15		
	-5			
7784		7/14		
7785	C612A-48-1	7/14		8713
	-2			
7786		7/12		
	-3			
7787		7/12		
	-4			
7788		7/15		

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7789

P/P ✓

C612A-49-1

8714

7/19

7790

P/P ✓

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7791

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7792

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7793

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7794

C612A-50-1

8715

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7795

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7796

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7797

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7798

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7799

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C612A-51-1

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8716

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7802

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7803

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7804

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8117

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7805

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7/15

7806

P/P ✓

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7807

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7808

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7809

8118

C612A-53-1

7/10

7810

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7811

P/P ✓

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7812

7813	-4	7/15		
7814	-5	7/15		
7815	C612A-54-1	7/13		8719
7816	-2	7/13		
7817	-3	7/12		
7818	-4	7/12		
✓ P/P				
7819	-5	7/15		
7820	C612A-57-1	7/12		8722

-2

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7821

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7822

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7823

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7824

✓
P/P

RU8103088

88

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7825

Very severe PB⁰

b/c 8/31

C612A-58-1

8723

7/11

7826

✓
P/P

b/c 8/31

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7827

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7828

7829	-4	7/11		
7830	-5	7/8		
7831	C612A-61-1	7/11		8727
7832	-2	7/13		
7833	-3	7/13		
7834	-4	7/13		
7835	-5	7/14		
7836	C612A-63-1	7/13		8729

-2

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7837

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7838

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7839

rip ✓

-5

7/10

7840

8730

C612A-64-1

7/9

7841

-2

7/5

7842

rip ✓

-3

7/11

7843

-4

7/11

7844

7845	-5	7/12		
7846	C612A-65-1	7/11	8731	
7847	-2	7/19		
7848	-3	7/16		
7849	-4	7/13		
7850	-5	7/13		
7851	RUS101007	7/13	7	
7852	C612A-67-1	7/13	8733	

✓
P/P

br 8/31

✓
P/P
br 8/31

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7853

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7854

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7855

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7856

C612A-68-1

8734

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7857

IG-1 (8)

82/582

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7858

✓

P/P

bk 8/31

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7859

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7/14

7860

7861	-5	7/11		
7862	C612A-71-1	7/14		8737
7863	-2	7/14		
✓ P/p bk 8131				
7864	-3	7/13		
7865	-4	7/13		
7866	-5	7/15		
7867	C612A-72-1	7/16		8738
7868	-2	7/14		

-3

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7869

-4

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7870

-5

7/14

7871

✓

P/P

b/c 8/31

C612A-73-1

8739

7/16

7872

82/583

IG-1(7)

-2

7/17

7873

✓

P/P

-3

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7874

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7875

-5

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7876

7877	L-201	7/11		Biggs
bx 919				
7878	C612A-75-1	7/14		8741
7879	-2	7/20		
7880	-3	7/13		
7881	-4	7/13		
✓ p/p				
7882	-5	7/13		
7883	C612A-76-1	7/12		8742
7884	-2	7/12		
✓ p/p				

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7885

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7886

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7887

C612A-78-1

8744

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7888

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7889

✓

P/P

bk 8/31

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7890

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7891

✓

P/P

bk 8/31

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7893

C612A-79-1

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8745

7894

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✓
P/P

bK 8/31

7895

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7896

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7898

C612A-BK-1

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8748-60

✓
P/P

bK 8/31

7899

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7900

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C612A-BK-4

RT48-60

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7901

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7/16

7902

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7903

P1P[✓]

b/c 8/31

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7904

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7905

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7906

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7907

P1[✓]

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7908

C612A-Bk-12

7909

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8748-60

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7910

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✓
p/p

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✓
p/p

bxc 8/31

-16

7913

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✓
p/p

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7/14

✓
p/p

5748-60	C612A-Bk-20	7/15	7917	✓ P/P
	-21	7/17	7918	
	-22	7/13	7919	✓ P/P
	-23	7/15	7920	
	-24	7/17	7921	✓ P/P
	-25	7/15	7922	
	-26	7/16	7923	
	-27	7/18	7924	

7925

68

bk 8/31

C612A-BK-28

7926

714

8748-60

✓ PIP

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✓ P/P

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7930

7/19

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714

✓ P/P

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C612A-Bk-35

8748-60

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7933

p/p ✓

b/c 8/31

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7935

p/p ✓

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7938

p/p ✓

b/c 8/31

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C612A-BK-43

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8748-60

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✓
P/P

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✓
P/P

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7/16

✓
P/P

7948

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C612A-Bk-51

8748-60

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7949

BLVU

361

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7950

b/c 8/31

C612A-Bk-52

8748-60

7/19

7951

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7952

P/p ✓

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7953

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7954

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7955

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7956

P/p ✓

C612A-BK-58

7957

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8748-60

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7/16

✓ P/P

-61

7960

7/13

✓
P/P
bk 8/31

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7961

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7962

7/21

✓
P/P

-64

7963

7/15

-65

7964

7/14

✓
P/P

8748-60	C612A -Bk- 66	7/15	7965
	-67	7/13	7966
	-68	7/14	7967
	-69	7/12	7968 p/p ✓
	-70	7/18	7969
	-71	7/11	7970 p/p ✓
	-72	7/12	7971
	-73	7/14	7972 p/p ✓

C612A-BK-74

7973

7/14

8748-60

-75

7974

7/18

✓ P/P

B3LE

7975

7/20

2544

bx 8/31

C612A-BK-76

7976

7/14

8748-60

✓ P/P

-77

7977

7/15

-78

7978

7/20

-79

7979

7/20

-80

7980

7/16

✓ P/P

bx 8/31

C612A-BK-81

8748-60

7/12

7981

p/p ✓

-82

7/15

7982

p/p ✓

-83

7/12

7983

p/p ✓

bk 8/31

-84

7/15

7984

-85

7/15

7985

-86

7/13

7986

-87

7/20

7987

-88

7/17

7988

7989	C612A-BK-89	7/13		8748-60	
7990	-90	7/14			
✓ P/p					
7991	-91	7/18			
7992	-92	7/14			
	Severe sheath blight!				
7993	-93	7/19			
7994	-94	7/15			
	Severe sheath blight!				
7995	-95	7/12			
7996	-96	7/11			
✓ P/p					
BK 8/31					

C612A-Bx-97

8748-60

7/21

7997

-98

7/14

7998

P/P ✓

bk 8/31

-99

7/16

7999

P/P ✓

-100

7/13

8000

P/P ✓

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

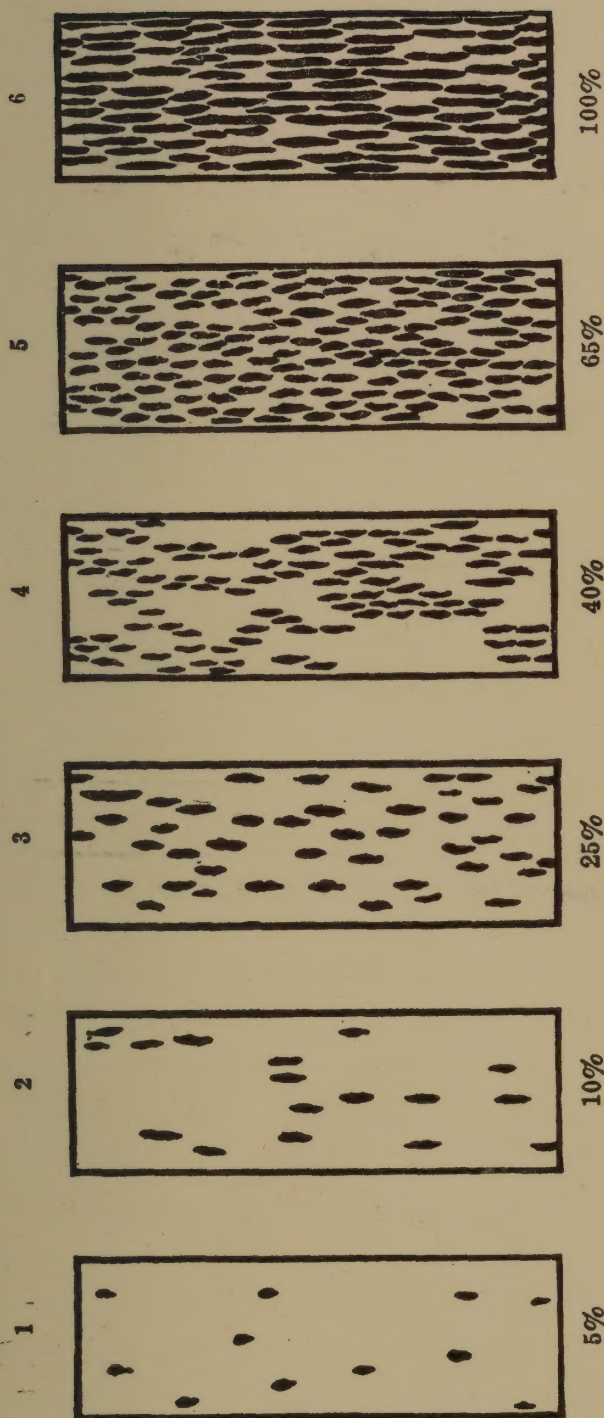
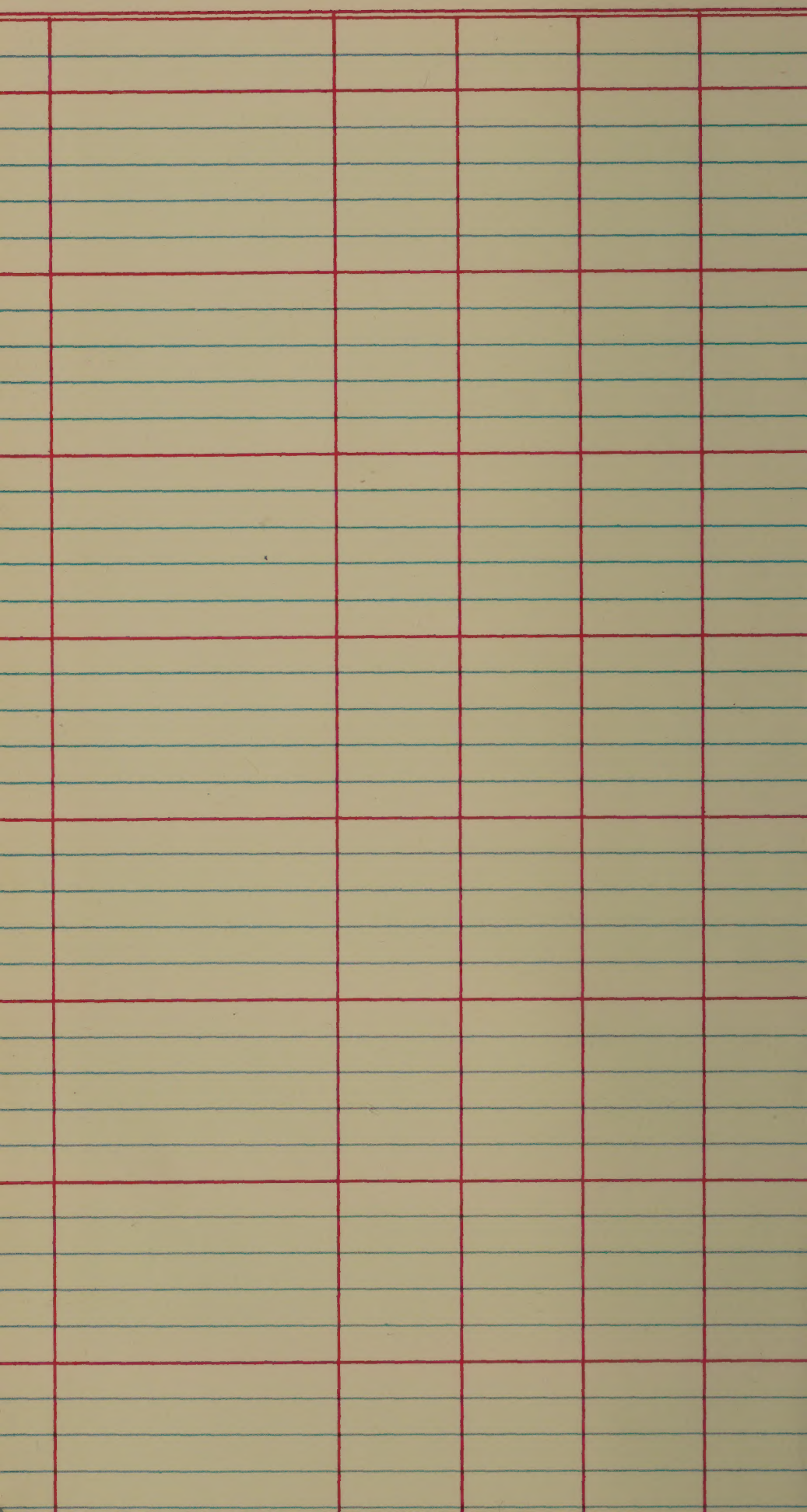
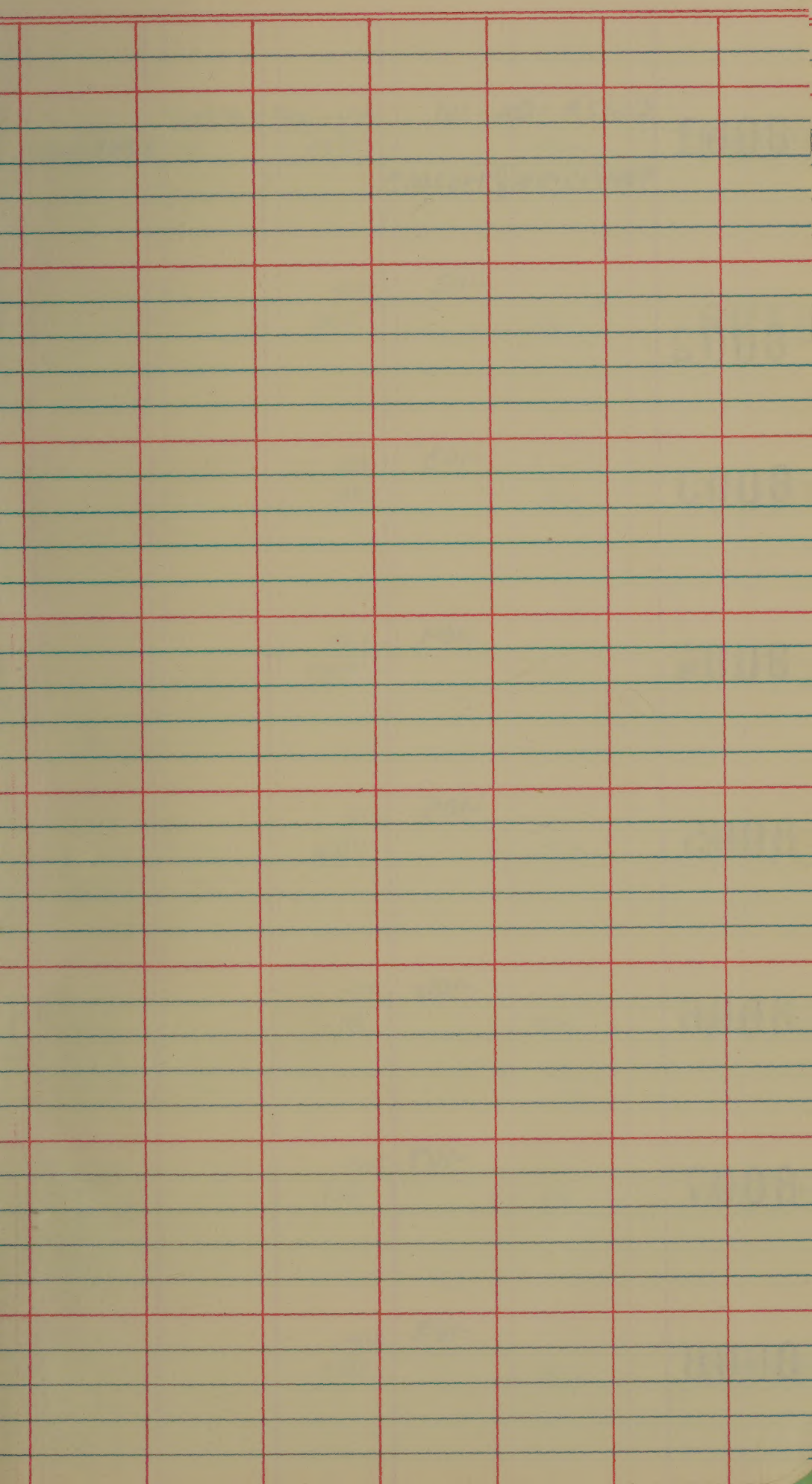


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.





8001

C612A - Bx - 101

7/25

8748-60

9881/331581//7402003

8002

-102

7/30

8003

-103

8/2

8004

-104

7/30

8005

-105

7/26

8006

-106

8/1

8007

-107

7/29

8008

-108

7/29

C612A - Bk - 109

8748-60

7/30

8009

-110

8/1

8010

-111

7/27

8011

-112

8/1

8012

-113

7/29

8013

-114

8/4

8014

-115

8/1

8015

-116

7/27

8016

C612A - Bxc - 117

8017

7/29

8748-60

-118

8018

7/27

-119

8019

8/2

-120

8020

7/31

-121

8021

7/30

-122

8022

7/31

-123

8023

- 7/29

-124

8024

7/29

R08003043

HR

8/8

8025

bx 9/8

C612A-Bk-125

8748-60

7/30

8026

-126

8/1

8027

-127

7/30

8028

-128

8/5

8029

-129

7/30

8030

-130

7/31

8031

-131

7/31

8032

C612A-Bk-132

8033

7/30

8748-60

-133

8034

7/30

-134

8035

7/26

-135

8036

7/30

-136

8037

7/26

-137

8038

8/1

-138

8039

7/26

-139

8040

7/30

8748-60	C612A-BK-140	7/26	8041	✓ P/P
	-141	7/26	8042	
	-142	7/27	8043	
	-143	7/26	8044	✓ P/P
	-144	7/27	8045	
	-145	7/26	8046	✓ P/P
	-146	7/24	8047	✓ P/P
	-147	7/31	8048	

8049

C612A-BK-148

7/25

8748-60

8050

-149

7/27

8051

-150

7/30

8052

-151

7/27

8053

-152

7/27

8054

-153

7/29

8055

-154

7/30

8056

-155

7/29

C612A-Bk-156

8748-60

8/1

8057

-157

8/2

8058

-158

7/27

8059

LEAH

26

8/5

8060

bk 9/8

C612A-Bk₃-Bk

PR 3281-3305

bk

7/25

8061

7/21

8062

7/22

8063

7/22

8064

8065

C612A - Bk 4
↓

7/24

PR 3281-3305
b/c

8066

7/25

8067

7/23

8068

6/15 9/8

7/24

8069

7/26

8070

7/25

8071

7/23

8072

7/24

C612A - Bk 4

PR3281-3305

bk

7/24

8073

7/24

8074

7/24

8075

7/25

8076

7/25

8077

7/26

8078

7/23

8079

7/23

8080

8081

C612A - Bk 4

7/26

PR 3281-3305

b/c

8082

7/23

8083

b/c 7/8

7/26

8084

7/25

8085

7/25

8086

RU 1703008

7/30

7/8

b/c 9/6

8087

C612A - Bk 3

↓

7/27

8652-61

b/c

8088

7/25

C612A-Bk 3

8652-61

bks

7/25

8089

7/26

8090

7/27

8091

7/25

8092

7/27

8093

7/27

8094

7/26

8095

7/27

8096

8097	C612A-Bk ₃ ↓	7/25	8652-61 b1c
------	----------------------------	------	----------------

8098	b1c 9/26	7/25	
------	----------	------	--

8099		7/29	
------	--	------	--

8100	RU7402003	7/26	2569
b1c 9/8			

8101	C623A-Bk-2-1	7/27	8450
7603015/7402003			

8102	-2	7/29	
------	----	------	--

8103	-3	7/30	
------	----	------	--

8104	-4	7/27	
------	----	------	--

✓ p/c

Assume any rows built are uniform enough for
1983 yield trials!

7

-5

7/27

8105

C623A-BK-5-1

8453

8/1

8106

82/617

IG-1 (2)

-2

8/1

8107

-3

7/30

8108

✓
P/P

bk 8/31

-4

7/30

8109

-5

7/30

8110

C623A-BK-7-1

8455

7/30

8111

✓
P/P

DT

bk 8/31

-2

7/31

8112

8113	-3	7/31		
8114	-4	7/31		
8115	-5	8/1		
8116	C623A-Bx-8-1	7/30		8456
8117	-2	7/31		
✓ 8/8				
8118	-3	7/29		
8119	-4	7/30		
8120	-5	7/30		

C623A-BK-10-1

8458

7/26

8121

82/618

IG-1 (4)

-2

7/25

8122

-3

7/26

8123

-4

7/27

8124

✓
P/P

bk 8/31

-5

7/26

8125

LBLE

HR

7/26

8126

bk 8/31

C623A-BK-11-1

8459

7/30

8127

82/619

IG-1 (1)

-2

7/30

8128

8129

-3

7/31

8130

-4

7/31

8131

-5

7/26

✓
P/P

8132

C623A-Bx-13-1

7/26

8461

8133

-2

7/26

8134

-3

7/24

✓
P/P

8135

-4

7/26

8136

-5

7/26

C623A-BK-14-1

8462

7/27

8137

82/620

IG-1(5)

-2

7/27

8138

-3

7/26

8139

-4

7/27

8140

P/P

bk 8/31

-5

7/26

8141

C623A-BK-16-1

8464

7/24

8142

P/P

bk 8/31

-2

7/26

8143

-3

7/25

8144

8145	-4	7/25	
8146	-5	7/24	
8147	C623A-BK-17-1	7/22	8465
✓ P/P br 8/31	Very early!		
8148	-2	7/27	
8149	-3	7/27	
8150	-4	7/25	
8151	-5	7/26	
8152	NWRX	8/4	BR
br 8/31			

C623A-BK-19-1

8467

7/30

8153

82/621

IG-1(1)

-2

7/29

8154

-3

7/27

8155

-4

7/27

8156

-5

7/27

8157

P/P

bk 8/31

C623A-BK-23-1

8471

7/30

8158

82/622

IG-1(1)

-2

7/30

8159

-3

7/30

8160

P/P

NS

bk 8/31

8161

-4

7/30

8162

-5

7/30

8163

C623A-BK-24-1

8/1

8472

8164

-2

7/31

✓
P/P ☆

bK 8/31

8165

-3

7/28

8166

-4

7/29

8167

-5

7/30

8168

C623A-BK-25-1

7/25

8473

-2

7/22

8169

✓
P/P

-3

7/24

8170

-4

7/23

8171

-5

7/25

8172

HR

LBNT

8/2

8173

b/c 8/31

5474

C623A-BK-26-1

7/29

8174

-2

7/30

8175

-3

7/27

8176

✓
P/P

8177	-4	7/30		
8178	-5	7/30		
8179	C623A-BK-27-1	7/25		8476
8180	-2	7/22		
✓ p/p bk 8/31				
8181	-3	7/24		
✓ p/p				
8182	-4	7/24		
8183	-5	7/22		
8184	C623A-BK-29-1	7/30		8478

-2

7/30

8185

-3

7/30

8186

N

✓
P/P

bks 8/31

-4

7/31

8187

-5

7/30

8188

8479

C623A-BK-30-1

7/25

8189

-2

7/27

8190

-3

7/23

8191

✓
P/P

-4

7/26

8192

8193

-5

7/25

8194

C623A-BK-32-1

7/28

8481

8195

-2

7/27

8196

-3

7/26

8197

-4

8/1

8198

-5

7/30

8199

C623A-BK-35-1

7/31

8484

8200

-2

8/4

-3

8/6

8201

-4

8/3

8202

-5

8/1

8203

Dr

P/P

b/c 8/31

C623A-BK-36-1

8485

7/27

8204

-2

7/27

8205

-3

7/27

8206

-4

7/27

8207

-5

7/25

8208

P/P

8209

C623A-BK-38-1

7/27

8487

82/623

IG-1 (1)

8210

-2

7/22

✓
P/p

8211

-3

7/25

variable
oct 1920
+ 1913

8212

-4

7/25

8213

-5

7/24

8214

C623A-BK-39-1

7/27

8488

82/624

IG-1 (7)

8215

-2

7/27

8216

-3

7/27

variable
oct 1920
+ 1913

-4

7/27

8217

-5

7/27

8218

P/P

C623A-Bk-43-1

8492

7/27

8219

-2

7/27

8220

-3

7/27

8221

P/P

bk 8/31

-4

7/28

8222

-5

7/26

8223

C623A-Bk-45-1

8494

7/31

8224

82/625

IG-1 (6)

8225

-2

7/30

8226

-3

7/31

8227

-4

7/30

8228

-5

8/1

8229

C623A-Bk -48-1

7/25

8497

8230

-2

7/25

8231

-3

7/29

8232

-4

7/28

-5

7/24

8233

R07901045

45

7/31

8234

b/c 9/9

C623A - Bk₂ - 1

8498-8507

7/24

8235

✓

P/p

b/c 8/31

-2

8/1

8236

-3

7/24

8237

✓

P/p

b/c 8/31

-4

7/27

8238

-5

7/27

8239

-6

7/26

8240

✓

P/p

8241

C623A-Bk₂-7

7/26

SH98-8507

8242

-8

7/27

8243

-9

7/24

8244

-10

7/25

8245

-11

7/30

8246

-12

7/26

8247

-13

7/25

8248

-14

7/31

C623A-Bk₂-15

8498-8507

7/27

8249

RV T603015

HR

7/30

8250

bxc 8/31

C623A-Bk₂-16

8498-8507

7/26

8251

-17

7/28

8252

P/P ✓

bxc 8/31

-18

7/29

8253

-19

8/1

8254

-20

7/27

8255

P/P ✓

-21

7/31

8256

8257	C623A - Bk ₂ - 22	7/30	8498-8507
------	------------------------------	------	-----------

8258	-23	7/27
------	-----	------

8259	-24	7/30
------	-----	------

8260	-25	7/24
------	-----	------

8261	-26	7/30
------	-----	------

8262	-27	7/27
------	-----	------

8263	-28	7/27
------	-----	------

8264	-29	7/27
------	-----	------

✓ R1P

C623A -Bk₂-30

8498-8507

7/27

8265

P/p

-31

7/29

8266

-32

7/31

8267

-33

7/30

8268

-34

8/1

8269

-35

7/30

8270

-36

7/26

8271

P/p

-37

7/27

8272

8273	C623A - Bk ₂ - 38	8/2	8498-8507
------	------------------------------	-----	-----------

8274	-39	8/1
------	-----	-----

✓
p/p

8275	RU8003005	7/29	5
------	-----------	------	---

bk 8/31

8276	C623A - Bk ₂ - 40	7/26	8498-8507
------	------------------------------	------	-----------

8277	-41	7/26
------	-----	------

8278	-42	7/26
------	-----	------

8279	-43	7/26
------	-----	------

✓
p/p

8280	-44	7/31
------	-----	------

C623A -Bk₂-45

8498-8507

7/31

8281

-46

7/27

8282

P/p

-47

7/27

8283

-48

7/28

8284

-49

7/25

8285

P/p

-50

7/27

8286

-51

7/29

8287

P/p

-52

8/2

8288

8289

C623A-Bx₂-53

7/27

8498-8507

8290

-54

8/1

8291

-55

7/28

8292

-56

7/26

✓
8/18
8293

-57

7/24

8294

-58

7/26

8295

-59

7/25

8296

-60

8/1

C623A-Bk₂-61

8498-8507

7/27

8297

P/P ✓

-62

7/30

8298

-63

7/31

8299

-64

8/2

8300

-65

7/30

8301

-66

7/29

8302

-67

7/31

8303

-68

7/28

8304

P/P ✓

b/s 8/31

C623A-Bk₂-69

8305

7/27

8498-8507

✓ P/P ☆

bx 8/31

-70

8306

7/27

-71

8307

7/27

✓ P/P

bx 8/31

-72

8308

7/27

-73

8309

7/28

✓ P/P

-74

8310

2/2

-75

8311

7/25

✓ P/P

bx 8/31

-76

8312

7/27

✓ P/P

C623A-Bk₂-77

8498-8507

7/29

8313

-78

7/27

8314

-79

7/27

8315

-80

7/22

8316

Very early

8/p

box 8/31

-81

7/27

8317

8/p

box 8/31

-82

7/24

8318

8/p

-83

8/2

8319

-84

7/25

8320

8321

C623A-Bk₂-85

7/27

8498-8507

8322

-86

7/29

8323

-87

7/26

✓ p/p →

bk 8/31

8324

-88

7/26

8325

BLMT

7/30

HR

bk 8/31

8326

C623A-Bk₂-89

7/25

8498-8507

✓ p/p →

bk 8/31

8327

-90

7/28

8328

-91

7/26

✓ p/p

bk 8/31

C623A - Bk₂ - 92

8498-8507

7/29

8329

-93

7/24

8330

P/p ✓

bk 8/31

-94

7/25

8331

-95

7/25

8332

-96

7/25

8333

P/p ✓

bk 8/31

-97

8/5

8334

-98

7/27

8335

-99

7/24

8336

P/p ✓

C623A - Box₂ - 100

8337

7/24

8498-8507

-101

8338

7/27

-102

8339

7/25

✓
P/P

-103

8340

7/30

-104

8341

7/26

✓
P/P

-105

8342

7/27

-106

8343

7/30

-107

8344

7/28

✓
P/P
bx 8/31

C623A-Bk₂-108

8498-8507

7/28

8345

-109

7/26

8346

-110

7/26

8347

-111

7/26

8348

✓
pp

-112

7/28

8349

RU8003043

HR

8/6

8350

bk 8/31

C623A-Bk₂-113

8498-8507

7/28

8351

-114

7/27

8352

C623A-Bk₂-115

8353

7/27

8448-8507

✓
p/p

-116

8354

7/26

✓
p/p

bk 8/31

-117

8355

7/26

-118

8356

7/26

✓
p/p

-119

8357

7/30

-120

8358

7/25

✓
p/p
bk 8/31

-121

8359

7/27

✓
p/p
bk 8/31

-122

8360

7/29

C623A-Bx₂-123

8498-8507

7/26

8361

-124

8/2

8362

-125

7/29

8363

-126

7/28

8364

P/P ✓

-127

7/27

8365

-128

7/26

8366

-129

7/30

8367

-130

7/27

8368

P/P ✓

8369

C623A-BK₂-131

7/27

8498-8507

8370

-132

7/29

8371

-133

7/30

8372

-134

7/30

8373

-135

8/6

8374

-136

7/26

8375

LEAH

8/6

26

bk 8/31

8376

C623A-BK₂-137

7/28

8498-8507

C623A-Bk₂-138

8498-8507

8/1

8377

-139

8/1

8378

-140

7/27

8379

-141

7/29

8380

-142

7/28

8381

-143

7/25

8382

8/1

-144

7/31

8383

-145

8/1

8384

8385	C623A-Bx ₂ -146	7/28	8498-8507
8386	-147	7/27	
✓ P/P			
8387	-148	7/31	
8388	-149	7/27	
✓ P/P			
8389	-150	7/29	
8390	-151	7/26	
8391	C623A-1-1	7/29	8509
8392	-2	7/25	
✓ P/P			

-3

7/26

8393

-4

7/26

8394

-5

7/29

8395

C623A-2-1

8510

7/31

8396

-2

7/30

8397

-3

7/26

8398

7/27

-4

7/27

8399

-5

7/29

8400

8401	C623A-4-1	7/26		8512	
8402	-2	7/26			
8403	-3	7/27			
8404	-4	7/27			
8405	-5	7/27			
8406	C623A-6-1	7/26		8514	
8407	-2	7/23			
8408	-3	7/25			

-4

7/27

8409

-5

7/22

8410

p/p ✓

C623A-7-1

8515

7/22

8411

-2

7/21

8412

p/p ✓

-3

7/25

8413

-4

7/25

8414

-5

7/25

8415

C623A-8-1

8516

7/27

8416

8417

-2

7/24

8418

-3

7/27

8419

-4

7/28

8420

-5

7/25

8421

C623A-11-1

7/24

8519

8422

-2

7/23

8423

-3

7/25

8424

-4

7/24

-5

7/24

8425

✓

p/p

RU8101007

7

7/25

8426

bx 8/31

C623A-14-1

8522

7/26

8427

-2

7/29

8428

-3

7/25

8429

-4

7/21

8430

p/p

★

bx 8/31

-5

7/30

8431

C623A-15-1

8523

7/25

8432

✓

p/p

bx 8/31

8433

-2

7/25

✓ Pp 2

bx 8/31

8434

-3

7/25

8435

-4

7/25

8436

-5

7/25

8437

C623A-16-1

82/627

7/26

8524

IG-1 (1)

8438

-2

7/26

8439

-3

7/26

8440

-4

7/27

rd. surface area

-5

7/25

8441

✓

P/P

bk 8/31

C623A-18-1

8526

7/22

8442

✓

P/P

bk 8/31

-2

7/21

8443

-3

7/25

8444

-4

7/20

8445

-5

7/24

8446

C623A-19-1

8527

7/25

8447

-2

7/25

8448

8449

-3

7/23

8450

-4

7/24

8451

-5

7/25

✓
PIP

bk 8/31

8452

L-201

7/24

Biggs

bk 8/31

8453

C623A - 20 - 1

7/25

8528

8454

-2

7/25

8455

-3

7/25

8456

-4

7/25

-5

7/26

8457

✓
P/P

bx 8/31

C623A-22-1

8530

7/30

8458

82/628

IG-1(4)

-2

7/31

8459

-3

7/27

8460

✓
P/P

bx 8/31

-4

7/29

8461

-5

7/30

8462

C623A-23-1

8531

7/24

8463

✓
P/P

-2

7/28

8464

8465

-3

7/27

8466

-4

7/28

8467

-5

7/28

8468

C623A-29-1

7/27

8537

8469

-2

7/23

8470

-3

7/26

8471

-4

7/30

8472

-5

7/26

2515	Cal 72/3764		8/5	8473	
					b/c 8/31
8539	C623A-31-1		7/25	8474	✓
					↗ 9/p
					b/c 8/31
		-2			
			7/26	8475	
		-3			
			7/26	8476	
		-4			
			7/31	8477	
		-5			
			7/27	8478	
8540	C623A-32-1		7/22	8479	
		-2			
			7/21	8480	✓
					8/p

8481

-3

7/26

8482

-4

7/25

8483

-5

7/26

8484

C623A-36-1

82/629

7/27

8544

IG-1(4)

8485

-2

7/27

8486

-3

7/26

8487

-4

7/27

8488

-5

7/28

slight bit. var. across row

✓
elg

8547

C623A-39-1

7/27

8489

-2

7/26

8490

-3

7/26

8491

✓
P/P

-4

7/26

8492

-5

7/27

8493

8548

C623A-40-1

7/26

8494

✓
P/P

bk 8/31

-2

7/26

8495

-3

7/24

8496

✓
P/P

8497

-4

7/27

8498

-5

7/27

8499

C623A-41-1

82/630

7/31

8549

IG-1 (1,5)

8500

-2

7/31

8501

-3

7/31

8502

-4

7/31

8503

-5

7/30

8504

C623A-45-1

7/26

8553

-2

7/26

8505

-3

7/26

8506

-4

7/26

8507

-5

7/26

8508

C623A-46-1

8554

7/26

8509

-2

7/26

8510

-3

7/24

8511

P/P

-4

7/27

8512

8513	-5	7/25		
8514	C623A-48-1	7/20	8556	
✓ P/P				
8515	-2	7/26		
8516	-3	7/25		
8517	-4	7/22		
✓ P/P				
bx 8/31				
8518	-5	7/20		
8519	C623A-49-1	7/27	8557	
8520	-2	7/23		

-3

7/23

8521

P/P ✓

-4

7/29

8522

-5

7/24

8523

R08103088

88

8/7

8524

b/c 9/9

C623A-51-1

8559

7/23

8525

-2

7/24

8526

P/P ✓

-3

7/27

8527

-4

7/25

8528

8529

-5

7/24

8530

C623A-53-1

7/29

8561

8531

-2

7/29

8532

-3

7/29

8533

-4

7/25

✓
PIP

8534

-5

7/27

8535

C623A-54-1

7/23

8562

✓
PIP

8536

-2

7/26

-3

7/27

8537

-4

7/26

8538

-5

7/26

8539

P/P

C623A-58-1

8566

7/24

8540

-2

7/27

8541

-3

7/24

8542

P/P

-4

7/27

8543

-5

7/26

8544

8545	C623A-59-1	7/23		8567	
✓ p/p bk 8/31					
8546	-2	7/21			
8547	-3	7/24			
8548	-4	7/23			
8549	-5	7/21			
8550	BLPT	7/26		2545	
bk 8/31					
8551	C623A-61-1	7/26		8569	
8552	-2	7/25			

-3

7/26

8553

-4

7/25

8554

-5

7/25

8555

★ PIP ✓

b/c 8/31

C623A-63-1

8571

7/23

8556

-2

7/27

8557

-3

7/27

8558

-4

7/22

8559

-5

7/24

8560

P/P ✓

8561

C623A-64-1

7/28

8572

8562

-2

7/27

8563

-3

7/27

8564

-4

7/27

8565

-5

7/27

8566

C623A-65-1

7/24

8573

8567

-2

7/23

8568

-3

7/22

-4

7/25

8569

-5

7/22

8570

C623A-68-1

8576

7/24

8571

-2

7/23

8572

-3

7/24

8573

-4

7/22

8574

-5

7/23

8575

P/P ✓

LBLE-X2-2

12

7/26

8576

bx 8/31

8577	C623A-70-1 82/631	7/28	8578 IG-1(1,4)
8578	-2	7/29	
8579	-3 <i>pinna, small, isolated</i>	7/23	
8580	-4	7/27	
8581	-5	7/31	
8582	C623A-73-1	7/28	8581
8583	-2 ✓ P1P	7/25	
8584	-3	7/27	

-4

7/24

8585

-5

7/22

8586

C623A-74-1

8582

7/31

8587

82/632

IG-1(1,4)

-2

7/30

8588

-3

7/31

8589

-4

7/27

8590

-5

7/27

8591

P/p

br 8/31

C623A-78-1

8586

7/25

8592

82/633

IG-1(6)

8593

-2

7/30

8594

-3

7/25

8595

-4

7/27

8596

-5

7/23

8597

C623A-79-1

7/26

8587

8598

-2

7/26

8599

-3

7/27

8600

-4

7/25

C623A-82-1

8590

7/25

8601

82/634

IG-1(1,5)

-2

7/26

8602

-3

7/26

8603

-4

7/26

8604

-5

7/24

8605

p/p

b/c 8/31

C623A-86-1

8594

7/22

8606

p/p

b/c 8/31

-2

7/26

8607

-3

7/24

8608

8609	-4	7/25		
8610	-5	7/23		
8611	C623A-88-1	7/26	8596	
8612	-2	7/26		
✓ P/P br 8/31	-3	7/24		
8613	-4	7/27		
8614	-5	7/26		
8615				
8616	C623A-91-1	7/25	8599	
✓ P/P ☆ br 8/31				

-2

7/26

8617

-3

7/26

8618

-4

7/26

8619

-5

7/26

8620

BLVU

361

8/9

8621

bk 9/8:

C6Z3A-BH4

PR 3267-79

bk

↓

7/25

8622

7/22

8623

bk 9/8

7/22

8624

8625

C623A - Bk 4
↓

7/21

PR 3267-79

bk

8626

7/21

8627

7/20

8628

b/c 9/8

7/24

8629

7/21

8630

7/20

8631

7/22

8632

7/21

C623A - Box 4

PR 3267-79

bx

7/21

8633

7/22

8634

7/23

8635

7/22

8636

7/22

8637

7/21

8638

7/21

8639

7/21

8640

8641

C623A-BK4

7/22

PR 3267-79

bx

8642

7/21

8643

7/23

8644

6/5 7/2

7/23

8645

7/21

8646

7/21

8647

7/22

8648

7/23

PR 3267-79
bx

7/23

8649

HR

RU 7603015

7/23

8650

bx 9/3

C623A-Bk₃

↓

8498-8507
bx

7/24

8651

7/23

8652

7/24

8653

7/23

8654

7/23

8655

7/22

8656

8657

C623A-BK₃

7/24

8497-8507

b1c

8658

7/23

8659

7/23

8660

b1c 9/8

7/22

8661

7/22

8662

7/23

8663

7/24

8664

7/23

2569	RU7402003	7/26	8665	
				bk 9/3
MAM	CI 9514	8/21	8666	
MAM	CI 9515	8/21	8667	
72 Path. 172	CI 8970 P	No plants	8668	
75/2489	CI 8314 Kamrose	8/16	8669	
80/2663	CI 1962 Blue Rose	8/24	8670	WTs
80/2712	CI 9739 Conway	8/10	8671	
MAM	PI 224900 Senso	No plants	8672	

8673		8/27	76/2471
8674		8/2	80/2668
bk 9/3			
8675	WT	8/6	76/2453
8676	PI 231129 Way Way	8/21 1 plant	MAM
8677	CI 8988 Calrose	No plants	75/2501
8678	CI 5793 Supreme BR	8/27	80/2669
8679	PI 372279 Carreon		76/2452
8680	CI 1779 Rexoro		75/2473

8/27

8681

7/30

8682

7/29

8683

8/3

8684

No plants

No plants

8685

No plants

8686

No plants

8687

No plants

8688

8689

8/16

100% lodged early

bx 9/8

8690

8/16

bx 9/8

100% lodged early

8691

8692

8693

8/9

bx 9/3

8694

No plants

8695

8/13

8696

No plants

8/19

8697

8/23

8698

No plants

8699

No plants

8700

No plants

8701

No plants

8702

No plants

8703

8/4

2 plants

8704

8705

No plants

8706

No plants

8707

No plants

8708

8/9

bx 9/3

8709

8/9

bk ?

8710

8/1

bx 9/3

8711

8/3

bx 9/3

8712

8/3

bx 9/3

8/5

8713

bk 9/3

7/19

8714

bk 9/3

7/19

8715

8/7

8716

8/5

8717

8/8

8718

bk ?

8/10

8719

bk 9/8

8/9

8720

bk 9/8

8721	RV1703008	7/31	19/8
bx 9/8			
8722	C641A-3-1	7/21	3328
	9881/331581//7802098		
8723	-2	7/25	
8724	-3	7/20	
8725	-4	7/19	
✓ 9/8	Extremely early		
8726	-5	7/21	
8727	C641A-5-1	7/20	3330
8728	-2	7/18	

-3

8/1

8729

p/p ✓

-4

7/31

8730

-5

7/31

8731

C641A-6-1

3331

7/26

8732

-2

7/26

8733

p/p ✓

-3

7/29

8734

-4

7/27

8735

-5

7/23

8736

8737	C641A-8-1	7/26		3333	
8738	-2	7/26			
8739	-3	7/26			
8740	-4	7/23			
8741	-5	7/25			
✓ e/p					
8742	C641A-9-1	7/24		3334	
8743	-2	7/24			
✓ e/p					
8744	-3	7/20			

-4

7/23

8745

-5

7/25

8746

C641A-11-1

3336

7/22

8747

-2

7/24

8748

-3

7/28

8749

-4

7/26

8750

-5

7/17

8751

P1P ✓

LBLE

HR

7/26

8752

br 9/3

8753	C641A-13-1	7/21		3338
✓ P/P				
8754	-2	7/27		
8755	-3	7/17		
8756	-4	7/17		
8757	-5	7/22		
8758	C641A-14-1	7/23		3339
8759	-2	7/19		
✓ P/P				
8760	-3	7/25		

-4

7/21

8761

-5

7/29

8762

C641A-20-1

3345

7/25

8763

-2

7/26

8764

-3

7/19

8765

-4

7/24

8766

-5

7/25

8767

C641A-22-1

3347

7/24

8768

8769

-2

7/18

8770

-3

7/28

8771

-4

7/19

8772

-5

7/22

8773

RU780 2098

8/18

2685

8774

C641A-24-1

7/25

3349

8775

-2

7/23

8776

-3

7/24

-4

7/25

8777

-5

7/25

8778

C641A-26-1

3352

7/26

8779

-2

7/20

8780

-3

7/31

8781

-4

7/25

8782

-5

7/27

8783

C641A-28-1

3354

7/17

8784

8785	-2	7/21			
8786	-3	7/21			
8787	-4	7/22			
8788	-5	7/22			
8789	C641A-29-1	7/24		3355	
8790	-2	7/24			
8791	-3	7/27			
8792	-4	7/24			
✓ 81e					

-5

7/26

8793

C641A-30-1

3356

7/25

8794

-2

7/21

8795

-3

7/25

8796

-4

7/24

8797

-5

7/22

8798

C641A-33-1

3359

7/23

8799

P/P ✓

-2

7/23

8800

8801	-3	7/17		
8802	-4	7/24		
8803	-5	7/23		
8804	C641A-34-1	7/19		3360
8805	-2	7/26		
8806	-3	7/26		
8807	-4	7/20		
8808	-5	7/19		

3362

C641A-36-1

7/20

8809

P/P ✓

-2

7/23

8810

-3

7/20

8811

-4

7/25

8812

-5

7/21

8813

3363

C641A-37-1

7/30

8814

-2

7/21

8815

-3

7/18

8816

8817	-4	7/27		
8818	-5	7/31		
8819	C641A-38-1	7/22		3364
8820	-2	7/20		
8821	-3	7/21		
8822	-4	7/24		
8823	-5	7/23		
8824	RU8003043	8/4		HR
bx 9/8				

3365

C641A-39-1

7/20

8825

810

-2

7/19

8826

-3

7/23

8827

-4

7/23

8828

-5

7/22

8829

3368

C641A-42-1

7/21

8830

-2

7/21

8831

-3

7/23

8832

8833	-4	7/24		
8834	-5	7/25		
✓ 81p				
8835	C641A-44-1	7/24		3370
8836	-2	7/17		
8837	-3	7/25		
8838	-4	7/21		
8839	-5	7/20		
✓ 81p				
8840	C641A-46-1	7/22		3372

-2

7/19

8841

-3

7/16

8842

-4

7/17

8843

p/p ✓

-5

7/16

8844

3374

C641A-48-1

7/24

8845

-2

7/20

8846

-3

7/23

8847

-4

7/17

8848

p/p ✓

8849	-5	7/16		
8850	LBNT	8/2		HR
b/c 9/8				
8851	C641A-50-1	7/19		3377
8852	-2	7/25		
8853	-3 P/P	7/22		
8854	-4	7/17		
8855	-5	7/16		
8856	C641A-52-1	7/26		3379

-2

7/25

8857

-3

7/22

8858

-4

7/25

8859

-5

7/21

8860

C641A-55-1

3382

7/25

8861

-2

7/29

8862

-3

7/22

8863

P/P ✓

-4

7/25

8864

8865	-5	7/24		
8866	C641A-56-1	7/24		3383
8867	-2	7/23		
8868	-3	7/22		
8869	-4	7/25		
8870	-5	7/23		
8871	C641A-57-1	7/28		3384
8872	-2	7/28		

-3

8/1

8873

-4

8/1

8874

-5

8/1

8875

BLMT

HR

7/30

8876

bk 9/8

C641A-58-1

3385

7/16

8877

-2

7/20

8878

-3

7/16

8879

slp ✓

-4

7/20

8880

8881

-5

7/17

8882

C641A-60-1

8/2

3387

8883

-2

7/26

8884

-3

7/25

8885

-4

7/26

8886

-5

7/28

8887

C641A-64-1

7/24

3391

8888

-2

7/20

-3

7/17

8889

-4

7/15

8890

-5

7/22

8891

C641A-68-1

3395

7/14

8892

✓

P/P

-2

7/22

8893

-3

7/19

8894

-4

7/22

8895

-5

7/21

8896

8897	C641A-72-1	7/20		3399
8898	-2	7/15		
✓ 87p				
8899	-3	7/23		
8900	-4	7/22		
8901	-5	7/20		
8902	C641A-73-1	7/27		3400
✓ 87p				
8903	-2	7/31		
8904	-3	7/28		

-4

7/29

8905

-5

7/28

8906

C641A-75-1

3402

7/16

8907

-2

7/26

8908

-3

7/24

8909

-4

7/19

8910

-5

7/17

8911

C641A-80-1

3407

7/22

8912

8913

-2

7/19

8914

-3

7/21

8915

-4

7/18

8916

-5

7/18

8917

C641A-81-1

7/23

3408

8918

-2

7/20

8919

-3

7/22

✓
P/p

8920

-4

7/21

-5

7/22

8921

CG41A-84-1

3411

7/21

8922

-2

7/28

8923

-3

7/31

8924

-4

7/30

8925

-5

7/20

8926

✓
8/1

RU800 3005

5

7/26

8927

b < 9/8

CG41A-87-1

3414

7/23

8928

8929	-2	7/27			
8930	-3	7/25			
8931	-4	7/19			
✓ 8/18					
8932	-5	7/26			
8933	C641A-89-1	7/22		3416	
8934	-2	7/26			
8935	-3	7/19			
8936	-4	7/21			

-5

7/21

8937

C641A-90-1

3417

7/26

8938

-2

7/26

8939

-3

7/24

8940

P/P ✓

-4

7/24

8941

-5

7/24

8942

C641A-92-1

3419

7/21

8943

-2

7/23

8944

8945

-3

7/19

8946

-4

7/15

8947

-5

7/17

8948

C641A-94-1

7/22

3421

8949

-2

7/25

8950

-3

7/25

8951

-4

7/25

8952

-5

7/26

C641A-96-1

3423

7/23

8953

-2

7/23

8954

-3

7/24

8955

-4

7/25

8956

-5

7/25

8957

LEAH

26

8/6

8958

b/c 9/9

C641A-BK-1

3426-49

7/18

8959

2/10 ✓

-2

7/22

8960

8961	C641A-Br-3	8/6	3426-49
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8962	-4	7/24	
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8963	-5	7/23	
------	----	------	--

8964	-6	7/21	
------	----	------	--

8965	-7	7/19	
------	----	------	--

8966	-8	7/28	
------	----	------	--

8967	-9	7/23	
------	----	------	--

8968	-10	7/21	
------	-----	------	--

C641A-BK-11

3426-49

7/25

8969

Pip ✓

-12

7/22

8970

-13

7/26

8971

-14

8/9

8972

-15

7/25

8973

-16

7/21

8974

NWRX

Br

8/5

8975

bk 9/8

C641A-BK-17

3426-49

7/25

8976

Pip ✓

C641A - Bx - 18

8977

7/26

3426-49

-19

8978

7/24

-20

8979

7/22

✓ PIP

-21

8980

7/24

-22

8981

8/2

-23

8982

7/24

✓ PIP

-24

8983

7/27

-25

8984

7/23

C641A - Bk - 26

3426-49

7/27

8985

-27

7/24

8986

-28

7/27

8987

-29

8/2

8988

-30

7/19

8989

-31

7/20

8990

8/8 ✓

-32

7/26

8991

-33

7/20

8992

8993	C641A - BX - 34	7/23	3426 - 49
------	-----------------	------	-----------

8994	-35	7/24	
------	-----	------	--

8995	-36	7/23	
------	-----	------	--

✓
P/P

8996	-37	7/26	
------	-----	------	--

8997	-38	7/23	
------	-----	------	--

✓
P/P

8998	-39	8/5	
------	-----	-----	--

8999	-40	7/27	
------	-----	------	--

9000	-41	7/29	
------	-----	------	--

C641A-BK-42

3426-49

7/22

9001

-43

7/22

9002

-44

7/18

9003

P/P ✓

-45

8/6

9004

-46

7/15

9005

P/P ✓

-47

7/19

9006

P/P ✓

-48

7/23

9007

-49

7/26

9008

9009

C641A-Bx-50

7/22

3426-49

9010

-51

7/16

9011

-52

7/21

9012

-53

7/29

9013

-54

8/2

9014

-55

7/21

9015

-56

8/6

9016

-57

7/29

3426-49	CG41A-BK-58	7/26	9017
	-59	7/27	9018
	-60	7/25	9019
	-61	7/23	9020 rip ✓
	-62	7/20	9021
	-63	7/21	9022 rip ✓
	-64	7/19	9023
	-65	7/22	9024 rip ✓

9025	RV8101007	7/25	1
------	-----------	------	---

bk 9/8

9026	C641A - BK - 66	7/18	3426-49
------	-----------------	------	---------

9027	-67	7/28	
------	-----	------	--

9028	-68	7/21	
------	-----	------	--

9029	-69	7/25	
------	-----	------	--

9030	-70	7/22	
------	-----	------	--

9031	-71	7/22	
------	-----	------	--

✓ P/P

9032	-72	7/27	
------	-----	------	--

C641A-BK-73

3426-49

7/25

9033

-74

7/26

9034

-75

7/23

9035

✓
P/P

-76

7/25

9036

-77

7/21

9037

-78

7/20

9038

-79

7/25

9039

-80

7/25

9040

9041	C641A -Bk-81	7/15		3426-49	
✓ P/p					
9042	-82	7/23			
9043	-83	7/18			
9044	-84	7/19			
9045	-85	7/19			
9046	-86	8/4			
9047	-87	7/21			
9048	-88	7/17			
✓ P/p					

3426-49	C641A-BK-89	7/22	9049	✓ P/P
Biggs	L-201	7/25	9050	bk 9/8
3426-49	C641A-BK-90	7/23	9051	
	-91	7/22	9052	
	-92	7/31	9053	
	-93	7/20	9054	
	-94	7/28	9055	
	-95	7/23	9056	

C641A-BE-96

9057

7/28

3426-49

-97

9058

7/24

-98

9059

7/19

-99

9060

7/16

-100

9061

7/28

-101

9062

7/24

-102

9063

7/19

✓
P/P

-103

9064

7/25

CG41A-BK-104

3426-49

7/20

9065

-105

8/2

9066

-106

7/20

9067

-107

7/28

9068

-108

7/25

9069

-109

7/25

9070

p/p ✓

-110

7/21

9071

-111

7/19

9072

p/p ✓

9073

C641A-BK-112

7/23

3426-49

9074

-113

7/25

9075

BBLE

8/2

2544

bk 9/8

9076

C641A-BK-114

8/3

3426-49

9077

-115

8/1

9078

-116

7/23

9079

-117

7/31

9080

-118

8/7

CG41A-BK-119

3426-49

7/24

9081

-120

8/2

9082

-121

7/31

9083

-122

8/2

9084

-123

7/23

9085

-124

7/27

9086

-125

7/26

9087

p/p ✓

RUT603069

2560

8/1

9088

bk 9/8

9089

C641A-BK2

↓

7/18

3426-49

9881/331581//1802098

bic

9090

7/17

9091

7/23

9092

7/18

9093

7/18

9094

7/17

9095

7/23

9096

7/24

bic 9/10

7/18

9097

7/22

9098

7/30

9099

7/26

9100

PR 3561-70

bk

C641A-Bk3

↓

7/24

9101

7/25

9102

7/27

9103

7/23

9104

CB41A - Bk 3

9105

7/24

PR3561-10
bk

9106

7/21

9107

7/22

9108

bk 7/8

7/22

9109

7/24

9110

7/20

9111

7/28

9112

7/18

C641A-Bk₃

PR3561-70

7/24

9113

7/23

9114

7/22

9115

7/22

9116

7/23

9117

7/21

9118

7/21

9119

7/18

9120

C641A-Bm3

9121

7/24

PR3561-70
b1c

9122

7/23

9123

7/25

9124

7/8
b1c

7/24

9125

7/25

9126

7/25

9127

7/24

9128

7/23

CG41A-B₃

PR356-70

bk

7/28

9129

7/23

9130

7/23

9131

7/22

9132

bk 9/8

7/25

9133

7/30

9134

7/30

9135

7/28

9136

9137

C641A-BK₃

7/24

PR 3561-70
bk

9138

7/28

9139

b/c 7/8

7/22

9140

7/23

9141

8/5

9142

B8032A2-

8003043/IR28

7/24

F,

9143

7/25

9144

7/26

B8032A2

F,

7/26

9145

7/25

9146

7/22

9147

7/18

9148

7/24

9149

7/22

9150

7/25

9151

7/25

9152

B8032A2

9153

7/22

F₁

9154

7/22

9155

7/22

9156

7/22

9157

7/23

9158

7/24

9159

7/24

9160

7/22

BS032A2

F₁

7/25

9161

7/26

9162

7/22

9163

7/24

9164

7/26

9165

7/23

9166

7/26

9167

7/25

9168

B8032A2

9169

7/24

F₁

9170

7/20

9171

7/27

B8033A2-

9172

7/22

F₁

8003043/IR24

9173

7/24

9174

7/24

9175

7/23

9176

7/23

B8033A2

F,

7/22

9177

7/23

9178

7/22

9179

7/23

9180

7/26

9181

7/25

9182

7/25

9183

7/25

9184

B8033A2

9185

7/21

F₁

9186

7/23

9187

7/24

9188

7/25

9189

7/24

9190

7/25

9191

7/24

9192

7/25

B8033A2

F₁

7/25

9193

7/24

9194

7/24

9195

7/25

9196

7/22

9197

7/26

9198

7/26

9199

IR-24

2051-60

8/16

9200

9201	PI 160688 Leng Kwang Hv9/24	8/25		JACK OAKS AJO ↓	
9202	PI 164981 Kaliak bx 9/15	8/5			
9203	PI 164982 Javanese bx 9/3	8/1			
9204		8/2			
	bx 9/15				
9205		7/21			
	bx 9/15				
9206		7/30			
	bx 9/15				
9207		7/28			
	bx 9/15				
9208		8/9			
	bx 9/15				

8/28

9209

Hv 9/24

8/2

9210

bks 9/15

7/31

9211

bks 9/3

8/26

9212

Hv 9/24

7/30

9213

bks 9/3

8/27

9214

Hv 9/24

9215

Seeds almost all dead!
No seed!

7/28

9216

bks 9/15

9217

7/28

bx 9/3

9218

7/25

bx 9/3

9219

8/1

9220

7/26

bx 9/3

9221

7/31

bx 9/15

9222

7/31

bx 9/15

9223

8/20

bx 9/15

9224

8/16

bx 9/15

8/25

9225

bx 9/15

7/29

9226

bx 9/15

7/31

9227

bx 9/15

7/28

9228

bx 9/15

7/28

9229

bx 9/15

9230

7/27

9231

bx 9/15

7/30

9232

bx 9/15

9233

8/6

bx 9/15

9234

8/4

1 plant

bx 9/15

9235

8/5

bx 9/15

9236

7/28

bx 9/15

9237

7/28

Very dense plant, dying

bx 9/15

9238

Hv. 10/4

9239

8/29

Hv 9/24

9240

No plants

8/25

9241

Hv 9/24

8/15

9242

mife.1

Hv 9/24

8/22

9243

Hv 9/24

7/17

9244

bx 9/15

PI 439614

9245

Vir 650

8/30

9246

8/15

9247

bx 9/15

No plants

9248

9249

9250

9251

9252

9253

9254

9255

9256

↑
No plants
↓

7/29

bx 9/15

No plants

9257

No plants

9258

7/23

9259

bx 915

No plants

9260

No plants

9261

No plants

9262

No plants

9263

No plants

9264

9265

brc 9/15

2 plants

9266

brc 9/15

7/29

2 plants

9267

brc 9/15

7/19

9268

brc 9/15

8/2

1 plant

9269

brc 9/15

8/4

1 plant

9270

No plants

9271

brc 9/15

7/27

9272

brc 9/15

7/26

2 plants

No plants

9273

8/2

1 plant

9274

bx 9/15

8/21

1 plant

9275

bx 9/15

No plants

9276

8/2

9277

bx 9/15

7/24

9278

bx 9/15

7/29

9279

bx 9/15

8/18

9280

bx 9/15

9281

No plants

9282

7/31

brc 9/15

9283

8/6

1 plant

brc 9/15

9284

7/27

1 plant

brc 9/15

9285

8/17

brc 9/15

9286

8/23

brc 9/15

9287

brc 9/15

9288

8/24

brc 9/15

8/17

9289

bx 9/15

9290

Hv 9/24

8/11

9291

bx 9/15

9292

Hv 9/24

8/8

9293

bx 9/15

9294

2 plants

Hv 9/24

9295

1 plant

8/27

9296

Hv 9/24

9297

8/5

bx 9/15

9298

8/6

bx 9/15

9299

7/28

9300

No plants

9301

8/24

bx 9/15

9302

8/15

bx 9/15

9303

8/13

bx 9/15

9304

8/10

8/4

9305

bx 9/15

No plants ?

9306

bx 9/15

9307

bx 9/15

7/31

9308

bx 9/15

7/29

9309

bx 9/15

8/28

9310

bx 9/15

8/17

9311

bx 9/15

8/9

9312

bx 9/15

9313

8/11

bK 9/15

9314

8/18

bK 9/15

9315

8/26

bK 9/15

9316

7/31

bK 9/15

9317

8/27

Hv 9/24

9318

8/24

Hv 9/24

9319

8/29

Hv 9/24

9320

8/20

early egg.

Hv. 10/5

9321

9322

early sep.

Hv 9/24

9323

8/17

missed opnet.

Hv 9/24

9324

Hv. 10/4

9325

9326

8/24

9327

Hv. 9/24

9328

9329

8/24

Hv 9/24

9330

Hv 9/24

9331

8/12

bx 9/15

9332

8/6

bx 9/15

9333

8/24

bx 9/15

9334

8/5

bx 9/15

9335

8/5

Hv 9/24

9336

8/7

bx 9/15

8/20

9337

Hv 9/24

8/17

9338

Hv 9/24

9339

Hv 9/24

9340

8/20

9341

bx 9/15

8/25

9342

Hv 9/24

9343

Hv 9/24

8/8

9344

bx 9/15

9345

7/19

bx 9/15

9346

7/14

bx 9/15

9347

7/14

bx 9/15

9348

7/30

bx 9/15

9349

7/21

bx 9/15

9350

7/22

bx 9/15

9351

7/23

bx 9/15

9352

7/22

bx 9/24

7/15

9353

bx 9/15

7/17

9354

bx 9/15

7/17

9355

bx 9/15

8/2

9356

bx 9/15

8/2

9357

bx 9/15

8/13

9358

bx 9/15

8/13

9359

bx 9/15

8/16

9360

bx 9/15

9361

8/2

bx 9/15

9362

7/19

bx 9/15

9363

8/5

bx 9/15

9364

8/17

bx 9/15

9365

7/28

bx 9/15

9366

No plants

9367

7/31

bx 9/15

9368

7/22

bx 9/15

8/27

9369

Hv 9/24

7/29

9370

1 plant

bx 9/15

7/22

9371

bx 9/15

8/3

9372

bx 9/15

8/2

9373

bx 9/15

8/1

9374

bx 9/15

No plants

9375

7/27

9376

bx 9/15

9377

7/28

bic 9/15

9378

7/14

bic 9/15

9379

8/2

bic 9/15

9380

7/25

bic 9/15

9381

No plants

9382

No plants

9383

8/2

bic 9/15

9384

7/26

bic 9/15

8/10

9385

bx 9/15

7/26

9386

bx 9/15

No plants

9387

8/5

9388

bx 9/15

7/31

9389

bx 9/15

No plants

9390

No plants

9391

No plants

9392

9393

No plants

9394

No plants

9395

No plants

9396

No plants

9397

No plants

9398

No plants

9399

No plants

9400

No plants

7/29

9401

bk 9/3

8/6

9402

bk 9/15

8/5

9403

bk 9/15

7/29

9404

bk 9/15

8/6

9405

bk 9/15

7/23

9406

bk 9/15

souped out many
tall off types!

No plants

9407

bk 9/15

8/25

9408

bk

9409

7/23

br 9/15

9410

8/6

br 9/15

9411

7/28

br 9/15

9412

8/10

br 9/15

9413

7/31

br 9/15

9414

7/25

br 9/3

9415

7/22

br 9/3

9416

8/2

br 9/15

7/22

9417

bk 9/15

7/26

9418

bk 9/15

7/28

9419

bk 9/15

8/13

9420

bk 9/15

8/2

9421

bk 9/15

8/12

9422

bk 9/15

8/10

9423

bk 9/15

8/16

9424

bk 9/15

9425

8/17

bx 9/15

9426

8/17

bx 9/15

9427

7/28

bx 9/3

9428

8/4

bx 9/3

9429

7/17

bx 9/3

Severe PB

9430

8/1

bx 9/3

9431

8/17

bx 9/15

9432

7/29

bx 9/3

8/16

9433

bx 9/15

9434

bx 9/15

8/1

9435

bx 9/15

7/31

9436

bx 9/15

7/31

9437

bx 9/3

7/26

9438

bx 9/3

8/2

9439

bx 9/15

82

L-201

CI 9971

8/2

9440

bx 9/9

C642A-1-1

9441

8/7

13723

9881/331581//9695/9837

-2

9442

8/8

-3

9443

8/13

-4

9444

8/9

✓
rip

-5

9445

8/11

C642A-2-1

9446

13724

-2

9447

8/13

-3

9448

8/10

-4

8/12

9449

-5

8/13

9450

C642A-4-1

13726

8/9

9451

82/643

IG-1 (1)

-2

8/13

9452

-3

8/12

9453

-4

8/11

9454

-5

8/9

9455

✓
p/p

C642A-6-1

13728

8/7

9456

82/644

IG-1 (1)

9473

-3

8/9

9474

-4

8/8

9475

-5

8/9

9476

C642A-14-1

8/13

13736

9477

-2

8/13

✓ 8/18

9478

-3

8/12

9479

-4

8/12

9480

-5

8/15

C642A-15-1

13737

8/19

9481

82/647

IG-1 (1,4)

-2

8/19

9482

-3

8/19

9483

-4

8/13

9484

-5

9485

C642A-16-1

13738

8/12

9486

-2

8/13

9487

-3

8/18

9488

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

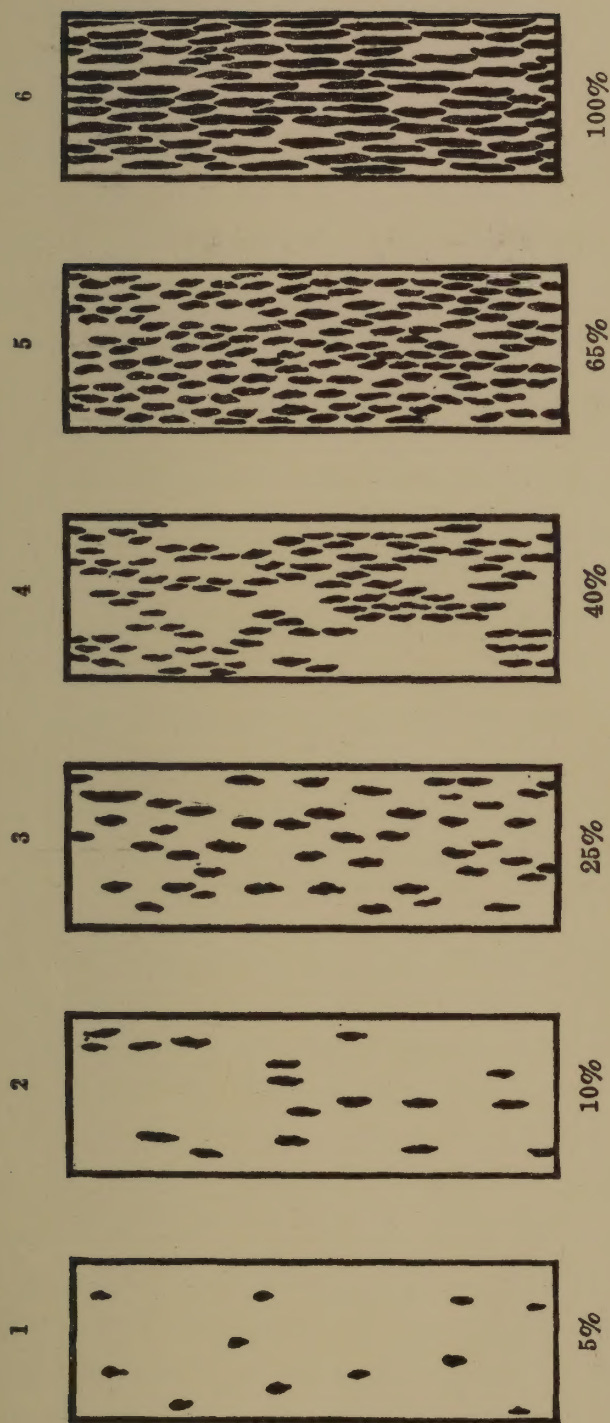


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

9501

C642A-22-1

8/3

13744

9881/331581//9695/9837
(RU7801007)

9502

-2

8/6

9503

-3

8/9

9504

-4

8/6

9505

-5

8/4

9506

C642A-23-1

7/30

13745

9507

-2

7/30

9508

-3

8/3

-4

8/4

9509

-5

8/3

9510

C642A-25-1

13747

8/2

9511

-2

8/7

9512

-3

8/7

9513

-4

8/8

9514

-5

8/6

9515

7p

C642A-28-1

13750

8/6

9516

9517

-2

8/5

9518

-3

8/8

9519

-4

8/7

9520

-5

7/31

✓
PIP
9521

C642A-29-1

8/11

13751

82/649

IG-1(1,4)

9522

-2

8/8

✓
PIP
9523

-3

8/6

9524

-4

8/11

-5

8/6

9525

R07801007

13722

8/6

9526

bx 9/9

C642A-31-1

13753

8/9

9527

-2

8/11

9528

-3

8/9

9529

-4

8/9

9530

-5

8/5

9531

P/P ✓

C642A-33-1

13755

8/11

9532

9533

-2

8/3

9534

-3

8/11

9535

-4

8/6

✓
p/p
9536

-5

8/4

9537

C642A-36-1

8/7

13758

9538

-2

8/8

✓
p/p
9539

-3

8/11

9540

-4

8/8

-5

8/5

9541

C642A-37-1

13759

8/5

9542

-2

8/5

9543

P/P

-3

8/11

9544

-4

8/6

9545

-5

8/14

9546

C642A-39-1

13761

8/5

9547

-2

8/1

9548

9549

-3

8/11

9550

-4

8/7

✓ p/p

9551

-5

8/18

9552

C642A-40-1

8/9

13762

9553

-2

8/6

9554

-3

8/5

✓ p/p

9555

-4

8/5

9556

-5

8/4

79/8 RU7703008

8/18

9557

13764-65 C642A-Bk-1

8/20

9558

9881/331584/9695/9837

-2

8/12

9559

-3

8/12

9560

-4

8/17

9561

-5

8/6

9562

-6

8/12

9563

-7

9564

9565

C642A-OK-8

8/8

13764-75

9566

-9

8/11

9567

-10

8/9

9568

-11

8/11

9569

-12

8/16

9570

-13

8/8

9571

-14

8/9

✓
8/9
9572

-15

8/9

C642A-BK-16

13764-75

8/17

9573

-17

8/9

9574

RU8003043

HR

9575

C642A-BK-18

13764-75

8/18

9576

-19

8/12

9577

-20

8/11

9578

-21

8/7

9579

Pip ✓

-22

8/18

9580

C642A-BK-23

9581

8/10

13764-75

-24

9582

8/17

-25

9583

8/10

-26

9584

8/14

-27

9585

8/16

-28

9586

8/8

-29

9587

8/9

✓ P/R

-30

9588

8/13

C642A-BK-31

13764-75

8/8

9589

-32

8/10

9590

-33

8/12

9591

-34

9592

-35

8/19

9593

-36

8/21

9594

-37

9595

-38

9596

9597	C642A-BK-39	8/18	13764-75	
9598	-40			
9599	-41	No plants		
9600	-42	No plants		
9601	-43	8/6		
9602	-44	8/7		
9603	-45	8/3		
9604	-46	8/6		
✓ 918				

C642A-BK-47

13764-75

8/2

9605

-48

8/2

9606

P/p

-49

8/12

9607

-50

8/7

9608

-51

8/13

9609

-52

8/9

9610

P/p

-53

8/8

9611

P/p

-54

8/7

9612

9613	C642A - Pk - 55	8/5	13744-75	
9614	-56	8/9		
9615	-57	8/6		
✓ P/P				
9616	-58	8/6		
9617	-59	8/5		
9618	-60	8/7		
9619	-61	8/4		
✓ P/P				
9620	-62	7/20		
✓ P/P				

C642A-Bx-63

13764-75

8/3

9621

P/P

-64

8/12

9622

-65

8/7

9623

-66

8/5

9624

P/P

-67

8/6

9625

-68

8/4

9626

-69

8/9

9627

-70

8/6

9628

9629	LBLE	7/31	HR
------	------	------	----

bk 9/9

9630	C642A - Bk ₂ ↓	8/1	13764-75 bx
------	------------------------------	-----	----------------

9631		8/5	
------	--	-----	--

9632		8/5	
------	--	-----	--

9633	pp	8/5	
------	----	-----	--

9634		8/6	
------	--	-----	--

9635		8/5	
------	--	-----	--

9636		8/1	
------	--	-----	--

C642A-BK₂

13764-75

b/c

8/5

9637

8/3

9638

8/5

9639

8/5

9640

8/5

9641

8/5

9642

8/4

9643

8/5

9644

C642A - Bk₂

9645

8/7

13764-75

9646

8/4

9647

pp

8/3

9648

8/3

9649

8/6

9650

L-201

7/30

Biggs

9651

C628A - Bk - 1

8/7

2926-49

L-201 / L13LE

9652

-2

7/31

C628A - Bx - 3

2926-49

7/28

9653

-4

7/28

9654

-5

7/29

9655

-6

7/26

9656

-7

7/29

9657

-8

8/5

9658

-9

7/31

9659

-10

7/28

9660

9661

C628A - Bx - 11

7/31

2926.49

9662

-12

7/27

9663

-13

7/31

9664

-14

8/1

9665

-15

7/28

9666

-16

7/29

9667

-17

7/30

9668

-18

7/30

2926-49	C628A-BK-19	7/29	9669
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-20

7/31

9670

-21

7/27

9671

-22

8/9

9672

-23

8/1

9673

-24

7/28

9674

5

RU8003005

8/1

9675

bk 9/9

2926-49	C628A-BK-25	8/1	9676
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8/1

9676

C628A-B*-26

9677

8/6

2926-49

9678

-27

7/30

9679

-28

8/2

9680

-29

7/26

9681

-30

7/30

9682

-31

8/5

9683

-32

8/7

9684

-33

7/30

C628A-Bk-34

2926-49

8/6

9685

-35

7/31

9686

-36

8/6

9687

-37

7/27

9688

-38

8/2

9689

-39

7/27

9690

-40

8/5

9691

-41

8/8

9692

C628A-BK-42

9693

8/11

2926-49

-43

9694

8/13

-44

9695

8/6

-45

9696

No plants

-46

9697

8/2

-47

9698

8/13

-48

9699

8/12

-49

9700

8/10

C628A-BK-50

2926-49

7/28

9701

-51

7/27

9702

-52

8/2

9703

-53

7/26

9704

-54

7/26

9705

-55

7/27

9706

-56

8/2

9707

-57

7/31

9708

C628A-Bx-58

9709

7/30

2926-49

-59

9710

7/30

-60

9711

7/30

-61

9712

7/29

-62

9713

7/30

-63

9714

7/30

-64

9715

7/27

-65

9716

7/28

C628A-Bk-66

2926-49

7/25

9717

-67

7/25

9718

-68

7/29

9719

-69

7/25

9720

-70

7/25

9721

-71

7/30

9722

-72

7/29

9723

-73

7/27

9724

LBNT

9725

8/8

HR

bK 9/9

C628A-BK-74

9726

7/26

2926-49

-75

9727

7/28

-76

9728

8/2

-77

9729

7/26

-78

9730

8/1

-79

9731

7/27

-80

9732

8/4

C628A-Bk-81

2926-49

7/26

9733

-82

7/28

9734

-83

7/27

9735

-84

7/31

9736

-85

7/30

9737

-86

7/30

9738

-87

7/27

9739

-88

7/26

9740

9741

C628A-BK-89

7/26

9742

-90

7/28

9743

-91

8/1

9744

-92

7/29

9745

-93

7/30

9746

RU7901045

8/13

45

bK 9/9

9747

C628-BK-94

7/26

2926-49

9748

-95

7/30

C628A - Bk₂

2926-49

bk

↓

7/31

9749

7/29

9750

7/27

9751

7/24

9752

7/28

9753

7/27

9754

7/26

9755

7/23

9756

C628A - Bk₂

9757

7/31

2926-49

bk

9758

7/30

9759

7/27

9760

bk 9/10

7/22

9761

7/26

9762

7/29

9763

7/27

9764

7/25

C628A - Bk₂

2926-49

bk

7/26

9765

7/28

9766

7/25

9767

7/29

9768

7/27

9769

7/27

9770

PI 385814

2481

8/17

9771

bis 9/9

B788A1 - Bk₂

3078-98

bk

8/5

9772

9881/331581/3/STRN/71H4/9902

9773

B788A1 - Bk2

↓

8/4

3078-98

bK red

9774

8/9

9775

8/8

9776

8/4

bK

9777

8/2

9778

8/2

9779

8/2

9780

7/31

3788A1-Bk₂

3078-98

bk

8/6

9781

8/9

9782

8/2

9783

7/30

9784

bk

8/4

9785

8/1

9786

7/30

9787

8/3

9788

9789

B788A1 - Bk₂

8/3

3078-98
bk

9790

8/2

9791

7/30

9792

7/31

9793

dk

8/10

9794

8/6

9795

8/7

9796

7/30

C614A bins are often extremely early; many drops perhaps more for. denials but may be due to optimum evolution; possible motor potential; some may be good: some at. h. symptoms! Primary interest is optimum evolution!
 Most are poor with bad panicle problems!!

19

B788A1-BK₂

3078-78

8/5

9797

bK

8/6

9798

8/6

9799

8/9

9800

C614A-1-1

3701

8/3

9801

-2

7/31

9802

178 ✓

-3

8/5

9803

-4

7/30

9804

9805	-5	8/1		
9806	C614A-3-1	7/30		3703
✓ P/P				
9807	-2	7/30		
9808	-3	7/30		
9809	-4	8/8		
9810	-5	7/28		
9811	C614A-7-1	8/8		3707
9812	-2	8/5		
✓ P/P				

-3

8/5

9813

-4

8/11

9814

-5

8/5

9815

C614A-8-1

3708

7/28

9816

8/8 ✓

-2

7/31

9817

-3

7/30

9818

-4

7/30

9819

-5

7/26

9820

9821	C614A-9-1	8/5		3709
9822	-2	7/30		
9823	-3	8/6		
9824	-4	7/28		
9825	-5	8/5		
9826	RU7802003	8/6		2880
	bK 9/9			
9827	C614A-12-1	8/11		3712
9828	-2	8/9		

-3

7/31

9829

-4

7/31

9830

-5

7/31

9831

C614A-16-1

3716

7/30

9832

✓
P/P

-2

8/9

9833

-3

7/27

9834

-4

7/25

9835

-5

7/24

9836

9837	C614A-18-1	7/26		3718
9838	-2	7/27		
9839	-3	7/24		
	P/P			
9840	-4	8/2		
9841	-5	7/25		
9842	C614A-21-1	7/24		3721
9843	-2	7/24		
9844	-3	7/25		

-4

7/27

9845

-5

7/25

9846

C614A-22-1

3722

8/1

9847

P1P

-2

7/30

9848

-3

8/2

9849

-4

8/2

9850

-5

8/5

9851

R07703008

79/8

8/13

9852

bk 9/9

9853	С614А-25-1	8/9		3726
9854	-2	8/5		
9855	-3	8/7		
9856	-4	8/5		
9857	-5	8/9		
9858	С614А-26-1	8/6		3727
9859	-2	8/2		
9860	-3	8/8		

-4

8/7

9861

-5

8/5

9862

C614A-28-1

3729

7/30

9863

-2

8/6

9864

-3

7/31

9865

-4

7/28

9866

-5

8/4

9867

C614A-34-1

3735

8/5

9868

9869

-2

8/7

9870

-3

8/11

9871

-4

8/14

9872

-5

8/5

9873

LEAH

8/13

26

9874

C614A-36-1

8/1

3737

9875

-2

7/30

9876

-3

7/31

-4

8/2

9877

-5

7/26

9878

CG14A-42-1

3743

7/31

9879

-2

8/10

9880

-3

7/26

9881

-4

8/4

9882

-5

7/29

9883

CG14A-46-1

3747

7/28

9884

9885

-2

7/28

9886

-3

7/24

9887

-4

7/25

9888

-5

8/1

9889

C614A-49-1

7/29

3751

9890

-2

7/29

9891

-3

8/5

9892

-4

7/30

-5

8/2

9893

C614A-55-1

3757

8/3

9894

-2

8/1

9895

-3

8/10

9896

-4

8/6

9897

-5

8/6

9898

C614A-59-1

3761

8/2

9899

-2

8/4

9900

9901	-3	7/31		
9902	-4	7/30		
9903	-5	7/27		
9904	C614A-60-1	8/8		3762
9905	-2	8/6		
9906	-3	8/5		
9907	-4	8/8		
9908	-5	8/6		

3764	C614A-62-1	8/9	9909
------	------------	-----	------

	-2	8/6	9910
--	----	-----	------

	-3	8/5	9911
--	----	-----	------

	-4	8/2	9912
--	----	-----	------

	-5	8/2	9913
--	----	-----	------

3766	C614A-64-1	7/27	9914
------	------------	------	------

	-2	7/26	9915
--	----	------	------

	-3	8/6	9916
--	----	-----	------

9917

-4

7/26

9918

-5

7/28

9919

C614A-69-1

8/1

3771

9920

-2

8/11

9921

-3

8/15

9922

-4

8/2

9923

-5

8/13

9924

C614A-71-1

7/30

3773

-2

7/30

9925

-3

7/27

9926

-4

7/30

9927

-5

7/30

9928

3774

C614A-12-1

7/30

9929

-2

7/28

9930

-3

7/30

9931

-4

7/30

9932

9933	-5	8/7		
9934	NWRX	8/20		Br
	bk 9/9			
9935	C614A-Bk-1	8/6		3776-3800
9936	-2	7/31		
9937	-3	8/5		
9938	-4	8/8		
9939	-5	8/7		
9940	-6	8/9		

C614A-Bk-7

3776-3800

8/8

9941

-8

7/30

9942

-9

8/6

9943

-10

7/29

9944

-11

8/3

9945

-12

8/6

9946

-13

8/12

9947

-14

8/9

9948

C614A - BK - 15 -

✓
9949

8/3

3776-3800

P/P

-16

✓
9950

7/29

P/P

-17

9951

8/5

-18

✓
9952

8/4

P/P

-19

9953

7/28

-20

9954

8/2

-21

✓
9955

7/29

P/P

-22

✓
9956

7/27

P/P

C614A-BK-23

5116-3800

8/8

9957

-24

8/6

9958

-25

8/5

9959

✓
8/8

-26

7/28

9960

-27

8/4

9961

-28

7/30

9962

-29

7/31

9963

-30

8/4

9964

9965	C614A-BK-31	8/6	3776-3800
9966	-32	8/13	
9967	-33	7/28	
9968	-34	7/26	
9969	-35	8/1	
9970	-36	8/4	
9971	-37	7/30	
9972	-38	8/13	

CG14A-BK-39

3776-3800

8/7

9973

-40

8/8

9974

✓
P/P

RU8003043

HR

8/17

9975

bks 9/9

CG14A-BK-41

3776-3800

8/7

9976

-42

8/9

9977

-43

8/6

9978

-44

7/26

9979

✓
P/P

-45

7/26

9980

✓
P/P

9981	CL14A-BK-46	7/29	3776-3800	
9982	-47	8/1		
9983	-48	7/30		
9984	-49	7/27		
9985	-50	7/30		
9986	-51	8/4		
9987	-52	8/9		
9988	-53	8/1		

C614A-BK-54

3776-5800

8/4

9989

-55

7/30

9990

-56

8/3

9991

-57

7/27

9992

-58

8/5

9993

-59

8/9

9994

-60

7/31

9995

-61

8/6

9996

9997	C614A - Bx - 62	7/29	3776-3800
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9998	-63	7/30	
------	-----	------	--

9999	-64	8/13	
------	-----	------	--

10000	-65	8/6	
-------	-----	-----	--

10001	-66	8/2	
-------	-----	-----	--

✓ pip

10002	-67	7/30	
-------	-----	------	--

✓ pip

10003	-68	8/8	
-------	-----	-----	--

10004	-69	8/4	
-------	-----	-----	--

C614A-BK-70

3776-3500

7/29

10005

-71

8/5

10006

-72

8/2

10007

P/P

-73

8/13

10008

-74

7/29

10009

-75

8/1

10010

P/P

-76

7/30

10011

-77

8/3

10012

10013	C614A-BK-78	7/31	3776-3800
-------	-------------	------	-----------

10014	-79	8/1
-------	-----	-----

✓
P/P

10015	-80	8/4
-------	-----	-----

10016	-81	8/6
-------	-----	-----

10017	-82	8/2
-------	-----	-----

10018	-83	7/31
-------	-----	------

10019	-84	8/4
-------	-----	-----

10020	-85	7/28
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C614A-BK-86

3776-3800

7/30

10021

-87

7/29

10022

-88

8/6

10023

P/P ✓

-89

8/4

10024

LBNT

HR

8/9

10025

bk 9/9

C614A-BK-90

3776-3800

8/2

10026

-91

8/4

10027

-92

8/7

10028

10029 C614A-Bk-93 7/30 3776-3800

✓ 81p 10030 -94 8/6

10031 -95 7/29

10032 -96 7/31

10033 -97 8/9

10034 -98 8/6

✓ 81p 10035 -99 7/29

✓ 81p 10036 -100 7/29

C614A-BK-101

3776-3800

8/3

10037

-102

8/2

10038

-103

7/25

10039

-104

8/8

10040

P/p

-105

8/3

10041

P/p

-106

8/1

10042

-107

8/5

10043

P/p

-108

8/3

10044

10045	C614A-Bk-109	7/30	3776-3800
-------	--------------	------	-----------

10046	-110	8/4	
-------	------	-----	--

10047	-111	8/13	
-------	------	------	--

10048	-112	8/5	
-------	------	-----	--

10049	-113	8/4	
-------	------	-----	--

10050	-114	7/30	
-------	------	------	--

10051	-115	8/4	
-------	------	-----	--

✓ 8/p

10052	-116	7/29	
-------	------	------	--

C614A-BK-117

3776-3800

7/31

10053

-118

8/8

10054

-119

7/26

10055

-120

8/2

10056

PIP ✓

-121

8/1

10057

-122

7/31

10058

-123

7/30

10059

-124

8/4

10060

10061	C614A-BK-125	7/25	3776-3800
-------	--------------	------	-----------

✓
P/P

10062	BLMT	8/9	HR
-------	------	-----	----

bk 9/9

10063	C614A-BK ₂ ↓	7/31	3776-3800 bk
-------	----------------------------	------	-----------------

10064		7/26	
-------	--	------	--

10065		7/26	
-------	--	------	--

bk 9/3

10066		8/1	
-------	--	-----	--

10067		7/29	
-------	--	------	--

10068		7/29	
-------	--	------	--

C614A - Bk2

3776-3800

8/1

10069

RU8101007

7

8/5

10070

b.c. 9/9

C614A - Bk3

↓

PR 3002-26

bk

7/28

10071

7/27

10072

7/31

10073

7/28

10074

7/30

10075

7/25

10076

10077	CG14A - Bk3 ↓	7/27	PR3002-26 bk
-------	------------------	------	-----------------

10078		7/28	
-------	--	------	--

10079		7/24	
-------	--	------	--

10080	bk 9/3	7/24	
-------	--------	------	--

10081		7/24	
-------	--	------	--

10082		7/30	
-------	--	------	--

10083		7/30	
-------	--	------	--

10084		7/26	
-------	--	------	--

C614A - Bk3

PR3002-26

br

7/25

10085

7/24

10086

7/28

10087

7/28

10088

7/26

10089

7/26

10090

7/25

10091

7/28

10092

10093

C614A - Bk₃

8/4

PR3002-26

bks

10094

7/31

10095

7/26

10096

bks 9/13

7/27

10097

7/26

10098

7/30

10099

7/30

10100

8/6

3451	C663A-1-1	8/10	10101
	T703012 // SSD/SSS		
	-2	8/2	10102 pip ✓
	-3	8/8	10103
	-4	8/5	10104
	-5	8/2	10105
3452	C663A-2-1	8/1	10106 pip ✓
	-2	8/1	10107
	-3	8/1	10108

10109	-4	7/21	3452
-------	----	------	------

10110	-5	7/27	
-------	----	------	--

10111	C663A-4-1	8/1	3454
-------	-----------	-----	------

10112	-2	8/3	
-------	----	-----	--

10113	-3	8/6	
-------	----	-----	--

10114	-4	8/2	
-------	----	-----	--

10115	-5	8/5	
-------	----	-----	--

10116	C663A-6-1	7/29	3456
-------	-----------	------	------

-2

7/30

10117

-3

7/31

10118

-4

8/2

10119

-5

8/1

10120

3461

C663A-11-1

8/3

10121

-2

8/1

10122

-3

8/1

10123

8/1

-4

8/5

10124

10125	-5	8/2	
10126	RU7703012	8/1	80/11747
br 9/9			
10127	C663A-13-1	8/10	3463
10128	-2	8/10	
10129	-3	8/16	
10130	-4	8/7	
10131	-5	8/6	
10132	C663A-16-1	8/1	3466

-2

8/21

10133

-3

7/29

10134

-4

7/28

10135

p/p ✓

-5

8/4

10136

3470

C663A-20-1

7/31

10137

-2

7/31

10138

-3

7/24

10139

p/p ✓

-4

8/1

10140

10141	-5	7/30		
10142	C663A-23-1	7/31	3473	
✓ P/P				
10143	-2	8/2		
10144	-3	8/4		
10145	-4	8/2		
10146	-5	8/6		
10147	C663A-25-1	7/31	3476	
✓ 8/8				
10148	-2	7/30		

-3

8/1

10149

-4

7/28

10150

-5

7/30

10151

SSD/SSS

9821

8/20

10152

bx 9/9

C663A-27-1

3478

8/5

10153

-2

8/2

10154

-3

7/31

10155

P/P ✓

-4

7/27

10156

10157	-5	8/5		
-------	----	-----	--	--

10158	C663A-30-1	8/2		3481
-------	------------	-----	--	------

10159	-2	8/5		
-------	----	-----	--	--

10160	-3	7/31		
-------	----	------	--	--

10161	-4	7/29		
-------	----	------	--	--

10162	-5	8/2		
-------	----	-----	--	--

10163	C663A-32-1	8/1		3483
-------	------------	-----	--	------

10164	-2	7/31		
-------	----	------	--	--

-3

8/2

10165

-4

8/1

10166

-5

8/2

10167

C663A-33-1

3484

7/27

10168

-2

7/27

10169

-3

8/2

10170

8/1p ✓

-4

7/30

10171

-5

8/4

10172

10173	RU7801067	8/6	13776
-------	-----------	-----	-------

bx 9/9

10174	C663A-39-1	7/31	3490
-------	------------	------	------

10175	-2	8/5	
-------	----	-----	--

10176	-3	8/2	
-------	----	-----	--

10177	-4	7/29	
-------	----	------	--

10178	-5	7/27	
-------	----	------	--

10179	C663A-44-1	7/30	3495
-------	------------	------	------

10180	-2	7/31	
-------	----	------	--

✓ 9/8

-3

8/2

10181

-4

8/6

10182

-5

7/31

10183

C663A-47-1

3498

8/6

10184

-2

8/3

10185

✓
V/P

-3

8/3

10186

-4

8/5

10187

-5

8/1

10188

10189	C663A-49-1	8/1	3500
-------	------------	-----	------

10190	-2	8/2	
-------	----	-----	--

10191	-3	8/1	
-------	----	-----	--

10192	-4	7/30	
-------	----	------	--

10193	-5	8/16	
-------	----	------	--

10194	C663A-50-1	8/16	3501
-------	------------	------	------

10195	-2	8/1	
-------	----	-----	--

10196	-3	8/12	
-------	----	------	--

-4

8/8

10197

-5

8/21

10198

C663A-52-1

3503

8/10

10199

-2

8/13

10200

-3

7/28

10201

p.p. ✓

-4

7/27

10202

-5

7/31

10203

C663A-54-1

3505

8/9

10204

10205	-2	7/30		
-------	----	------	--	--

10206	-3	7/30		
-------	----	------	--	--

10207	-4	8/2		
-------	----	-----	--	--

10208	-5	8/1		
-------	----	-----	--	--

10209	C663A-58-1	7/31		3509
-------	------------	------	--	------

10210	-2	7/31		
-------	----	------	--	--

10211	-3	7/30		
-------	----	------	--	--

✓ p/p

10212	-4	8/1		
-------	----	-----	--	--

-5

7/30

10213

3510

C663A-59-1

7/29

10214

-2

7/31

10215

-3

7/28

10216

P/p ✓

-4

7/29

10217

-5

7/29

10218

3514

C663A-63-1

8/4

10219

-2

8/1

10220

P/p ✓

10221	-3	8/6		
-------	----	-----	--	--

10222	-4	8/6		
-------	----	-----	--	--

10223	-5	8/6		
-------	----	-----	--	--

10224	RU8003005	8/5	5	
bic 9/9				

10225	C663A-67-1	8/5	3518	
-------	------------	-----	------	--

10226	-2	8/5		
-------	----	-----	--	--

10227	-3	8/6		
-------	----	-----	--	--

10228	-4	8/5		
-------	----	-----	--	--

-5

8/2

10229

rip ✓

C663A-69-1

3520

8/5

10230

-2

8/5

10231

-3

8/2

10232

-4

8/5

10233

-5

8/1

10234

C663A-70-1

3521

7/31

10235

rip ✓

-2

8/6

10236

10237

-3

8/5

10238

-4

7/30

10239

-5

8/6

10240

C663A-71-1

7/27

3522

10241

-2

7/26

10242

-3

7/30

10243

-4

7/27

10244

-5

7/29

3523	C663A-72-1	8/1	10245
	-2	7/31	10246 P/P
	-3	8/1	10247
	-4	8/3	10248
	-5	8/1	10249
3524	C663A-73-1	8/1	10250
	-2	8/3	10251
	-3	8/2	10252

10253

-4

8/3

10254

-5

8/3

10255

LBLE

7/30

HR

brc 9/9

10256

B663A - Br - 1

8/4

3526-49

✓ P/p

10257

-2

8/16

10258

-3

8/13

10259

-4

8/4

10260

-5

7/31

C663A - Bk - 6

3526-49

8/14

10261

-7

8/7

10262

-8

7/31

10263

-9

7/30

10264

-10

8/1

10265

-11

8/6

10266

-12

8/17

10267

-13

7/29

10268

10269	C663A - Bk - 14	8/5	3526-49
-------	-----------------	-----	---------

10270	-15	8/6	
-------	-----	-----	--

10271	-16	8/1	
-------	-----	-----	--

10272	-17	8/3	
-------	-----	-----	--

10273	-18	8/1	
-------	-----	-----	--

10274	-19	8/5	88
-------	-----	-----	----

10275	RUB103088		88
-------	-----------	--	----

10276	C663A - Bk - 20	8/6	3526-49
-------	-----------------	-----	---------

C663A-Bx-21

3526-49

8/3

10277

P/O ✓

-22

8/4

10278

-23

8/5

10279

-24

8/9

10280

-25

8/9

10281

-26

7/30

10282

-27

8/2

10283

-28

7/27

10284

P/O ✓

10285	C663A - Bk - 29	8/1	3526-49
-------	-----------------	-----	---------

✓
P/p

10286	-30	7/26
-------	-----	------

✓
P/p

10287	-31	8/2
-------	-----	-----

10288	-32	8/8
-------	-----	-----

10289	-33	8/1
-------	-----	-----

10290	-34	7/30
-------	-----	------

10291	-35	7/28
-------	-----	------

10292	-36	8/9
-------	-----	-----

C663A-BK-37

3526-49

8/6

10293

-38

8/5

10294

-39

7/30

10295

-40

7/28

10296

-41

8/16

10297

-42

8/13

10298

-43

8/20

10299

-44

8/6

10300

10301	C663A-BK-45	7/31	3526-49	
✓ P/p				
10302	-46	7/27		
10303	-47	8/2		
✓				
10304	-48	8/9		
10305	-49	7/30		
10306	-50	8/6		
10307	LBLE-X2-2	8/2	12	
bk ?				
10308	C663A-BK ₂	7/31	3526-49 bk	

3526-49

bix

C663A-Bx2

7/30

10309

7/27

10310

7/26

10311

7/29

10312

7/27

10313

7/26

10314

7/26

10315

7/26

10316

10317	C663A-B ₂	7/29	3526-49 bk
10318		7/29	
10319		7/28	
10320	bk 9/13	7/29	
10321		7/31	
10322		8/2	
10323		7/27	
10324		7/28	

C631A lines are all normals but most seem shorter and more productive than LBLE; many is early or earlier than LBLE; good lfts; no evidence of par. problems; may have excellent cotton potential! Many rows rel. uniform ht. + mat.

52

3526-49

bk

C663A-Bk₂

7/26

10325

7/27

10326

bk 9/13

8/2

10327

8/2

10328

7/31

10329

2569

RU7402003

8/1

10330

bk

?

2976-99

C631A-Bk - 1

8/1

10331

RU7402003 / LBLE

✓
PIP

-2

7/31

10332

10333	C631A-BK-3	7/31	2976-99
-------	------------	------	---------

10334	-4	7/27
-------	----	------

10335	-5	7/31
-------	----	------

10336	-6	7/26
-------	----	------

10337	-7	7/30
-------	----	------

10338	-8	7/30
-------	----	------

10339	-9	8/1
-------	----	-----

10340	-10	7/30
-------	-----	------

2976-99	C631A-BK-11	8/1	10341
	-12	7/29	10342
	-13	8/2	10343 p/p ✓
	-14	8/1	10344 p/p ✓
	-15	8/1	10345
	-16	8/1	10346
	-17	8/8	10347
	-18	8/2	10348 p/p ✓

10349	C631A-Bk-19	8/2	2976-99
-------	-------------	-----	---------

10350	L-201	7/31	Biggs
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bk ?

10351	C631A-Bk-20	7/30	2976-99
-------	-------------	------	---------

10352	-21	7/27	
-------	-----	------	--

10353	-22	7/29	
-------	-----	------	--

10354	-23	7/27	
-------	-----	------	--

10355	-24	7/26	
-------	-----	------	--

✓
8/8

10356	-25	7/29	
-------	-----	------	--

2976-99	C631A - Bk - 26	8/1	10357	✓ Pp
	-27	8/1	10358	
	-28	8/1	10359	
	-29	7/31	10360	
	-30	8/1	10361	✓ Pp
	-31	7/30	10362	
	-32	7/31	10363	
	-33	8/1	10364	

10365	C631A - Bx - 34	7/30	2976-99
-------	-----------------	------	---------

✓
r/p

10366	-35	7/31	
-------	-----	------	--

10367	-36	7/36	
-------	-----	------	--

✓
r/p

10368	-37	7/31	
-------	-----	------	--

✓
r/p

10369	-38	8/1	
-------	-----	-----	--

10370	-39	7/30	
-------	-----	------	--

10371	-40	7/30	
-------	-----	------	--

✓
r/p

10372	-41	8/2	
-------	-----	-----	--

2976-99	C631A-Bk-42	7/27	10373
	-43	7/31	10374 ✓ 1/1
HR	RU7603015	8/9	10375
2976-99	C631A-Bk-44	8/6	10376 bk ?
	-45	8/4	10377
	-46	7/31	10378
	-47	8/2	10379
	-48	7/28	10380 ✓ PJP

10381	C631A-Bic-49	7/31	2876-99	
10382	-50	8/2		
10383	-51	8/2		
10384	-52	8/2		
10385	-53	7/30		
10386	-54	8/2		
10387	-55	7/26		
10388	-56	8/1		

C631A-BK-57

2976-99

7/31

10389

-58

7/31

10390

rip

-59

7/29

10391

✓

rip

-60

7/30

10392

-61

7/30

10393

-62

7/26

10394

-63

7/26

10395

-64

7/28

10396

rip

10397	C631A-PK-65	7/30	2976-99
-------	-------------	------	---------

10398	-66	8/1	
-------	-----	-----	--

10399	-67	7/27	
-------	-----	------	--

✓
pp

10400	-68	8/4	
-------	-----	-----	--

10401	-69	8/3	
-------	-----	-----	--

10402	-70	7/31	
-------	-----	------	--

10403	-71	8/3	
-------	-----	-----	--

10404	-72	8/3	
-------	-----	-----	--

✓
PK

C631A - BK-13

2976-99

7/31

10405

P/R

-74

8/4

10406

-75

8/5

10407

-76

8/2

10408

-77

8/6

10409

-78

7/30

10410

P/R

-79

8/2

10411

P/R

-80

8/5

10412

10413	C631A-Bx-81	8/1	2976-99
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✓
P/P

10414	-82	7/31
-------	-----	------

10415	-83	8/1
-------	-----	-----

10416	-84	8/2
-------	-----	-----

✓
P/P

10417	-85	8/3
-------	-----	-----

10418	-86	7/30
-------	-----	------

✓
P/P

10419	-87	7/30
-------	-----	------

10420	-88	7/30
-------	-----	------

✓
P/P

C631A-Bk-89

2976-99

7/31

10421

-90

8/1

10422

p/p ✓

-91

8/2

10423

-92

8/3

10424

R07901045

45

8/10

10425

b/c 9/9

C631A-Bk-93

2976-99

8/2

10426

-94

8/1

10427

p/p ✓

-95

7/30

10428

10429	C631A-Bx-96	7/30	2976-99
-------	-------------	------	---------

✓
P/P

10430	-97	8/2
-------	-----	-----

10431	-98	7/29
-------	-----	------

✓
P/P

10432	-99	7/29
-------	-----	------

10433	-100	7/28
-------	------	------

10434	-101	7/31
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✓
P/P

10435	-102	7/27
-------	------	------

✓
P/P

10436	-103	7/29
-------	------	------

2976-99 C631A-Bk-104

7/27

10437

-105

7/26

10438

✓
p/p

-106

7/30

10439

✓
p/p

-107

7/31

10440

-108

8/1

10441

-109

7/28

10442

✓
p/p

-110

7/31

10443

-111

7/31

10444

10445	C631A-BK-112	7/31	2976-99	
✓ pip				
10446	-113	7/30		
10447	-114	7/30		
10448	-115	7/30		
10449	-116	7/30		
✓ pip				
10450	BLVU	8/13	361	
bk 919				
10451	C631A-BK-117	7/29	2976-99	
✓ pip				
10452	-118	8/3		

C631A-Bx-119

2976-99

8/2

10453

-120

7/26

10454

rip ✓

-121

7/27

10455

-122

7/30

10456

rip ✓

-123

8/1

10457

-124

7/27

10458

-125

7/29

10459

rip ✓

-126

7/29

10460

10461	C631A-BK-127	7/29	2976-99
✓ P/P			

10462	-128	8/1	
-------	------	-----	--

10463	-129	2/3	
-------	------	-----	--

10464	-130	8/1	
✓ P/P			

10465	-131	7/31	
✓ P/P			

10466	-132	7/28	
-------	------	------	--

10467	-133	8/1	
-------	------	-----	--

10468	-134	8/1	
-------	------	-----	--

2976-99

C631A-BK-135

8/2

10469

-136

7/30

10470

p/p

HR

LBLE

7/30

10471

bk 9/9

2976-99

C631A-BK₂

bk

8/1

10472

8/1

10473

7/31

10474

8/1

10475

7/28

10476

10477 C631A-Bk2

7/30

2976-99
bk

10478

7/28

10479

7/30

10480

9/13
bk

7/27

10481

7/26

10482

7/26

10483

7/27

10484

7/28

C631A - BK₂

2976-99

bx

7/26

10485

7/26

10486

7/29

10487

7/27

10488

7/27

10489

7/27

10490

7/28

10491

7/29

10492

10493	C631A-BK2	7/30	2976-99 his
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10494		7/27	
-------	--	------	--

10495		7/29	
-------	--	------	--

10496	b1 9/13	7/28	
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10497		7/30	
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10498		7/29	
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10499		8/2	
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10500		7/31	
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→ C667A is excellent material; good sturdy plants
normal and deep; good lgt; few if any pan.
problems; many as early as or earlier than JYN 15.

63

8763	C667A-2-1	8/6	10501
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ROY603015/SSD/SSS

-2

8/5

10502

✓
P/T

-3

8/8

10503

-4

8/5

10504

-5

8/5

10505

8764	C667A-3-1	8/6	10506
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-2

8/1

10507

-3

8/5

10508

10509	-4	8/8		
10510	-5	8/4		
✓ P/P bk 9/10				
10511	C667A-4-1	8/8		8765
10512	-2	8/2		
10513	-3	8/2		
✓ P/P				
10514	-4	8/6		
✓ P/P bk 9/10				
10515	-5	8/6		
10516	C667A-6-1	8/5		8767

-2

8/6

10517

-3

8/5

10518

-4

8/4

10519

8p ✓

-5

8/5

10520

8770

C667A-9-1

8/5

10521

-2

8/6

10522

8p ✓

-3

8/6

10523

-4

8/6

10524

10525	-5	8/6		
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10526	SSD/SSS	8/8	9821	
-------	---------	-----	------	--

b/c 9/9

10527	C667A-11-1	8/6	8772	
-------	------------	-----	------	--

10528	-2	8/4		
-------	----	-----	--	--

✓

P/p

b/c 9/10

10529	-3	8/6		
-------	----	-----	--	--

10530	-4	8/1		
-------	----	-----	--	--

10531	-5	8/3		
-------	----	-----	--	--

✓

P/p

10532	C667A-13-1	7/31	8774	
-------	------------	------	------	--

-2

8/5

10533

-3

8/2

10534

-4

8/4

10535

-5

8/3

10536

p/p ✓

8777

C667A-16-1

8/4

10537

-2

8/5

10538

-3

8/6

10539

-4

8/4

10540

p/p ✓

10541

-5

8/5

10542

C667A-17-1

8/1

8178

10543

-2

8/4

10544

-3

8/6

10545

-4

8/3

10546

-5

8/5

10547

C667A-23-1

8/5

8185

10548

-2

8/6

-3

8/6

10549

-4

8/4

10550

-5

8/6

10551

RU7603015

HR

8/7

10552

b/c 9/9

C667A-25-1

8787

8/5

10553

-2

8/6

10554

-3

8/3

10555

P/p ✓

b/c 9/10

-4

8/3

10556

10557

-5

8/6

10558

C667A-26-1

8/5

8788

✓ P/p

bic 9/10

10559

-2

8/3

✓

P/p

bic 9/10

10560

-3

8/3

10561

-4

8/6

10562

-5

8/3

✓

P/p

10563

C667A-28-1

8/6

8790

10564

-2

8/5

-3

8/1

10565

-4

8/3

10566

-5

8/1

10567

C667A-29-1

8791

8/2

10568

p/p

-2

8/6

10569

-3

8/6

10570

-4

8/4

10571

-5

8/1

10572

10573

RU8003043

8/14

HR

bis 9/9

10574

C667A-30-1

8/2

8792

10575

-2

8/1

10576

-3

8/2

✓
P/P

10577

-4

8/3

10578

-5

8/4

10579

C667A-32-1

8/4

8794

10580

-2

8/1

✓ P/P

-3

8/5

10581

-4

8/4

10582

-5

8/6

10583

C667A-35-1

8797

8/6

10584

-2

8/4

10585

-3

8/2

10586

bk 9/10

-4

8/2

10587

-5

8/1

10588

10589	C667A-36-1	8/5	8798
10590	-2	8/5	
10591	-3	8/5	
10592	-4	8/6	
10593	-5	8/6	
10594	C667A-41-1	8/2	8803
10595	-2	8/3	
10596	-3	8/5	

-4

8/5

10597

-5

8/3

10598

P/P

C667A-43-1

8805

8/8

10599

-2

8/6

10600

P/P

-3

8/5

10601

P/P

bx 9/10

-4

8/5

10602

-5

8/6

10603

C667A-44-1

8806

8/7

10604

10605

-2

8/3

✓ P/P

bK 9/10

10606

-3

8/6

10607

-4

8/3

10608

-5

8/3

10609

C667A-45-1

8/2

8807

✓ P/P

bK 9/10

10610

-2

8/2

✓ P/P

10611

-3

8/1

10612

-4

8/2

-5

8/1

10613

8813

C667A-51-1

8/5

10614

-2

8/5

10615

p/p ✓

-3

8/2

10616

-4

8/7

10617

-5

8/6

10618

p/p ✓

8814

C667A-52-1

8/1

10619

-2

8/1

10620

p/p ✓

10621

-3

8/2

10622

-4

8/6

10623

-5

8/5

10624

LEAH

8/6

26

bx 9/9

10625

C667A-53-1

8/1

8815

✓

8/p

bx 9/10

10626

-2

8/6

10627

-3

8/3

10628

-4

8/5

-5

8/1

10629

p/p ✓

bk 9/10

C667A-55-1

8817

8/1

10630

p/p

-2

8/1

10631

-3

8/5

10632

-4

8/6

10633

-5

8/7

10634

C667A-56-1

8818

8/2

10635

-2

8/6

10636

10637

-3

8/5

10638

-4

8/2

✓
P/P

10639

-5

8/1

10640

C667A-58-1

8/3

8820

✓
P/P

bk 9/10

10641

-2

8/2

✓
P/P

10642

-3

8/3

10643

-4

8/2

10644

-5

8/4

8821	C667A-59-1	8/6	10645
	-2	8/5	10646
	-3	8/4	10647 ✓ 11p bk 9/10
	-4	8/5	10648
	-5	8/4	10649
Br	NWRX	8/12	10650 bk 9/9
8822	C667A-60-1	8/6	10651
	-2	8/6	10652

10653

-3

8/6

10654

-4

8/6

10655

-5

8/6

✓ P/p

bk 9/10

10656

C667A-62-1

8/6

8824

✓ P/p

bk 9/10

10657

-2

8/8

10658

-3

8/5

10659

-4

8/5

✓ P/p

bk 9/10

10660

-5

8/2

8827	C667A-64-1	8/5	10661
	-2	8/6	10662
	-3	8/5	10663
	-4	8/5	10664
	-5	8/4	10665 p/p ✓
8828	C667A-65-1	8/6	10666 p/p ✓ bx 7/10
	-2	8/6	10667
	-3	8/6	10668

10669

-4

8/5

✓ pip

10670

-5

8/6

10671

C667A-66-1

8/3

8829

10672

-2

8/6

10673

-3

8/5

10674

-4

8/1

✓ pip

★ br 9110

10675

-5

8/6

10676

LBNT

8/8

HR

br 919

8831

C667A-68-1

8/2

10677 ✓

p/p
bk 9/10

✦

-2

8/3

10678

-3

8/4

10679 ✓

p/p

bk 9/10

-4

8/4

10680

-5

8/5

10681

8835

C667A-72-1

8/2

10682 ✓

p/p

-2

8/4

10683 ✓

p/p

-3

8/5

10684

10685

-4

8/6

10686

-5

8/3

10687

C667A-73-1

8/6

8836

10688

-2

8/9

10689

-3

8/5

✓ 8/p

10690

-4

8/5

✓ 8/p

bk 9/10

10691

-5

8/1

10692

C667A-74-1

8/9

8837

-2

8/10

10693

-3

8/9

10694

-4

8/8

10695

11p ✓

-5

8/9

10696

8840

C667A-77-1

8/7

10697

Don't get?

Pip ✓
br 9/10
★

-2

8/8

10698

Pip ✓

-3

8/8

10699

-4

8/9

10700

10701

-5

8/7

10702

C667A-79-1

8/8

8842

10703

-2

8/5

10704

-3

8/3

10705

-4

8/6

✓
rip

10706

-5

8/2

10707

C667A-80-1

8/3

8843

10708

-2

8/5

-3

8/2

10709

-4

8/5

10710

-5

8/5

10711

P/p ✓

8846

C667A-83-1

8/1

10712

P/p ✓

b/c 9/10

-2

8/2

10713

-3

8/3

10714

-4

8/4

10715

-5

8/3

10716

10717	C667A-84-1	8/2	8847
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✓
p/p

10718	-2	8/5	
-------	----	-----	--

10719	-3	8/7	
-------	----	-----	--

10720	-4	8/3	
-------	----	-----	--

10721	-5	8/6	
-------	----	-----	--

10722	RV8003005	8/2	5
-------	-----------	-----	---

bk 9/9

10723	C667A-BK-1	8/5	8851-65
-------	------------	-----	---------

✓
p/p

bk 9/10

10724	-2	8/5	
-------	----	-----	--

8851-65	C667A-Bx-3	8/1	10725
	-4	8/5	10726
	-5	8/6	10727 p/r ✓
	-6	8/9	10728
	-7	8/6	10729
	-8	7/31	10730
	-9	8/2	10731 p/r ✓
	-10	8/19	10732

10733	C667A-BK-11	8/7	8851-65
-------	-------------	-----	---------

10734	-12	8/6
-------	-----	-----

10735	-13	8/3
-------	-----	-----

✓ pip

10736	-14	8/8
-------	-----	-----

10737	-15	8/6
-------	-----	-----

10738	-16	8/5
-------	-----	-----

10739	-17	8/4
-------	-----	-----

10740	-18	8/5
-------	-----	-----

✓ pip

C66TA-BK-19

8851-65

8/6

10741

-20

8/6

10742

P/P

-21

8/5

10743

P/P

-22

8/6

10744

-23

8/6

10745

-24

8/17

10746

-25

8/6

10747

P/P

-26

8/6

10748

P/P

10749	C667A-BK-27	8/3	8851-65
-------	-------------	-----	---------

✓ p/p

10750	BLMT	8/9	HR
-------	------	-----	----

bk 9/9

10751	C667A-BK-28	8/8	8851-65
-------	-------------	-----	---------

10752	-29	8/7	
-------	-----	-----	--

10753	-30	8/6	
-------	-----	-----	--

10754	-31	8/4	
-------	-----	-----	--

✓ p/p

bk 9/10

10755	-32	8/6	
-------	-----	-----	--

10756	-33	8/6	
-------	-----	-----	--

✓ p/p

C667A-Bk-34

8851-65

8/6

10757

-35

8/6

10758

-36

8/6

10759

P/p ✓

loc 9110

-37

8/7

10760

-38

8/4

10761

P/p ✓

-39

8/2

10762

-40

8/6

10763

-41

8/2

10764

P/p ✓

10765	C667A-Bx-42	8/5	8851-65
-------	-------------	-----	---------

✓ pip
br 9/10

10766	-43	8/6	
-------	-----	-----	--

✓ pip

10767	-44	8/6	
-------	-----	-----	--

10768	-45	8/5	
-------	-----	-----	--

✓ pip
br 9/10

10769	-46	8/2	
-------	-----	-----	--

✓ pip

10770	-47	8/5	
-------	-----	-----	--

10771	-48	8/5	
-------	-----	-----	--

10772	-49	8/7	
-------	-----	-----	--

C667A-BK-50

8851-65

8/6

10773

P/p

b/c 9/10

-51

8/2

10774

P/p

b/c 9/10

RV8103088

88

10775

b/c 9/9

C667A-BK-52

8851-65

8/6

10776

-53

8/9

10777

P/p

b/c 9/10

-54

8/9

10778

-55

8/5

10779

P/p

-56

8/4

10780

10781	C667A-BK-57	8/9	8851-65
-------	-------------	-----	---------

10782	-58	8/10	
-------	-----	------	--

10783	-59	8/9	
-------	-----	-----	--

✓
P/P

10784	-60	8/7	
-------	-----	-----	--

10785	-61	8/6	
-------	-----	-----	--

✓
P/P

10786	-62	8/2	
-------	-----	-----	--

✓
P/P

10787	-63	8/6	
-------	-----	-----	--

bx 9110

10788	-64	8/9	
-------	-----	-----	--

✓
P/P

8851-65	C667A-BK-65	8/9	10789	Plp ✓
	-66	8/7	10790	Plp ✓
	-67	8/7	10791	Plp ✓ bk 9/10
	-68	8/6	10792	
	-69	8/10	10793	Plp ✓
	-70	8/13	10794	
	-71	8/7	10795	
	-72	8/7	10796	Plp ✓

C667A-BK-73

10797

8/6

8851-65

✓
P/P

-74

10798

8/12

-75

10799

8/8

-76

10800

8/9

-77

10801

8/3

✓
P/P
BK 9/10

-78

10802

8/5

✓
P/P
BK 9/10

-79

10803

8/6

-80

10804

8/6

C667A-Bx-81

8851-65

816

10805

✓
pip

-82

813

10806

✓
pip

-83

815

10807

-84

814

10808

-85

815

10809

✓
pip

-86

816

10810

✓
pip

-87

812

10811

-88

811

10812

✓
pip

10813	C667A-Bk-89	8/5	851.65
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10814	-90	8/3	
-------	-----	-----	--

✓ p/p

10815	-91	8/5	
-------	-----	-----	--

10816	-92	8/7	
-------	-----	-----	--

10817	-93	8/12	
-------	-----	------	--

10818	-94	8/10	
-------	-----	------	--

10819	-95	8/6	
-------	-----	-----	--

10820	-96	8/2	
-------	-----	-----	--

✓ p/p

C667A-BK-97

8851-65

8/6

10821

-98

8/9

10822

-99

8/6

10823

Pip ✓

-100

8/7

10824

Pip ✓

STBN

68

10825

bx 9/9

C667A-BK₂

8851-65

bx

8/1

10826

8/5

10827

bx 9/13

8/6

10828

10829	C667A - Bk 2	8/4	8851-65 bk
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10830		8/2	
-------	--	-----	--

10831		7/31	
-------	--	------	--

10832	b/c 9/13	8/6	
-------	----------	-----	--

10833		9/12	
-------	--	------	--

10834		8/6	
-------	--	-----	--

10835		8/5	
-------	--	-----	--

10836		8/3	
-------	--	-----	--

8851-65 C667A-Bk₂

8/1

10837

b/c 9/13

8/2

10838

8/5

10839

8/1

10840

Biggs L-201

7/30

10841

b/c 9/19

PR 3572-85 C667A-Bk₃
bk

8/2

10842

8/6

10843

8/3

10844

10845	C667A-BK ₃	8/5	PR 3572-85 bx
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10846		8/6	
-------	--	-----	--

10847		8/12	
-------	--	------	--

10848		8/7	
-------	--	-----	--

10849		8/5	
-------	--	-----	--

10850		8/5	
-------	--	-----	--

10851		8/9	
-------	--	-----	--

10852		8/5	
-------	--	-----	--

C667A-B₂₃

PR 3572-85

bx

8/5

10853

8/7

10854

8/6

10855

8/6

10856

8/9

10857

8/6

10858

8/5

10859

8/9

10860

10861	C667A-Bk ₃	8/5	PR3572-85 bk
-------	-----------------------	-----	-----------------

10862		8/5	
-------	--	-----	--

10863		8/3	
-------	--	-----	--

10864		8/8	
-------	--	-----	--

10865		8/2	
-------	--	-----	--

10866		8/8	
-------	--	-----	--

10867		8/6	
-------	--	-----	--

10868		8/15	
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C646A: All normals; most moderate to tall; good lgts;
some st. hd; potential questionable because of
ht. Some very early; many shorter than C646A.

86

C667A-Bk 3

PR3572-85

Bk

8/11

10869

8/12

10870

RU7703012

11747

8/1

10871

Bk 9/9

C646A-4-1

3645

8/3

10872

7703012/7801007

-2

8/2

10873

8/2 ✓

-3

8/3

10874

-4

8/2

10875

-5

8/6

10876

10877	C646A-5-1	8/6	3646
-------	-----------	-----	------

10878	-2	8/3	
-------	----	-----	--

10879	-3	7/29	
-------	----	------	--

10880	-4	7/31	
-------	----	------	--

✓
P/P

10881	-5	8/2	
-------	----	-----	--

10882	C646A-9-1	7/31	3650
-------	-----------	------	------

10883	-2	7/31	
-------	----	------	--

10884	-3	8/5	
-------	----	-----	--

✓
P/P

-4

8/1

10885

-5

8/2

10886

C646A-10-1

3651

8/1

10887

-2

8/3

10888

-3

8/1

10889

-4

8/2

10890

-5

7/31

10891

8/10 ✓

C646A-14-1

3655

7/31

10892

10893	-2	8/5		
10894	-3	8/2		
10895	-4	8/1		
10896	-5	7/30		
✓ p/p				
10897	C646A-16-1	8/10		3657
10898	-2	8/9		
✓ p/p				
10899	-3	8/10		
10900	-4	8/9		

-3

8/5

10901

3661

C646A-20-1

8/3

10902

-2

8/5

10903

-3

8/3

10904

-4

7/30

10905

P/P ✓

-5

7/30

10906

3663

C646A-22-1

7/27

10907

P/P ✓

-2

8/3

10908

10909

-3

8/3

10910

-4

7/29

10911

-5

8/1

10912

C646A-24-1

7/31

3665

10913

-2

7/28

10914

-3

7/30

10915

-4

7/29

10916

-5

7/26

✓ P/P

3666	C646A-25-1	8/5	10917
	-2	8/5	10918
	-3	8/2	10919
	-4	8/2	10920
	-5	8/1	10921 rip ✓
3667	C646A-26-1	8/5	10922
	-2	8/9	10923
	-3	8/7	10924

10925

-4

8/1

10926

-5

8/1

✓
P/P

10927

RU7801007

8/5

13722

bk 9/9

10928

C646A-28-1

8/6

3669

10929

-2

8/5

✓
P/P

10930

-3

8/5

10931

-4

8/7

10932

-5

8/6

3670	C646A-29-1	8/3	10933
	-2	7/31	10934
	-3	8/2	10935
	-4	8/2	10936 P/P ✓
	-5	7/30	10937
3674	C646A-33-1	1/31	10938
	-2	8/1	10939
	-3	8/2	10940

10941

-4

7/30

✓
PIP

10942

-5

7/31

10943

CG46A-35-1

7/27

3676

10944

-2

7/27

✓
PIP

10945

-3

7/31

10946

-4

7/30

10947

-5

8/2

✓
PIP

10948

CG46A-40-1

8/2

3681

-2

8/1

10949

pip ✓

-3

7/30

10950

-4

7/27

10951

-5

8/1

10952

C646A-44-1

3685

8/2

10953

-2

7/31

10954

-3

8/2

10955

pip ✓

-4

8/2

10956

10957	-5	8/2		
-------	----	-----	--	--

10958	LBLE	8/1		HR
-------	------	-----	--	----

bic 9/9

10959	C646A-BK-1	8/1		3689-3700
-------	------------	-----	--	-----------

10960	-2	7/26		
-------	----	------	--	--

✓
tip

10961	-3	7/31		
-------	----	------	--	--

10962	-4	8/3		
-------	----	-----	--	--

10963	-5	8/5		
-------	----	-----	--	--

10964	-6	8/5		
-------	----	-----	--	--

C646A-BK-7

3689-3700

8/5

10965

-8

8/1

10966

-9

7/31

10967

P/p ✓

-10

8/5

10968

-11

7/31

10969

-12

7/28

10970

P/p ✓

-13

8/6

10971

-14

7/29

10972

P/p ✓

10973	C646A-BK-15	7/29	3689-3700
-------	-------------	------	-----------

10974	-16	8/2	
-------	-----	-----	--

✓ pip

10975	RU8003043	8/9	HR
-------	-----------	-----	----

bk 9/9

10976	C646A-BK-17	8/3	3689-3700
-------	-------------	-----	-----------

10977	-18	7/27	
-------	-----	------	--

10978	-19	7/31	
-------	-----	------	--

✓ pip

10979	-20	7/30	
-------	-----	------	--

10980	-21	7/30	
-------	-----	------	--

✓ pip

C646A - BK - 22

3689-3700

7/30

10981

-23

8/1

10982

-24

8/2

10983

P/P ✓

-25

7/26

10984

-26

7/31

10985

P/P ✓

-27

8/2

10986

-28

8/5

10987

-29

8/5

10988

10989	C646A-BK-30	8/8	3689-3700
-------	-------------	-----	-----------

10990	-31	7/29	
-------	-----	------	--

✓ 8/p

10991	-32	7/29	
-------	-----	------	--

✓ 8/p

10992	-33	7/26	
-------	-----	------	--

10993	-34	8/5	
-------	-----	-----	--

10994	-35	7/31	
-------	-----	------	--

10995	-36	7/29	
-------	-----	------	--

10996	-37	7/29	
-------	-----	------	--

✓ 8/p

C646A-AK-38

3689-3700

8/1

10997

-39

8/2

10998

-40

8/4

10999

-41

8/2

11000

-42

-43

-44

-45

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

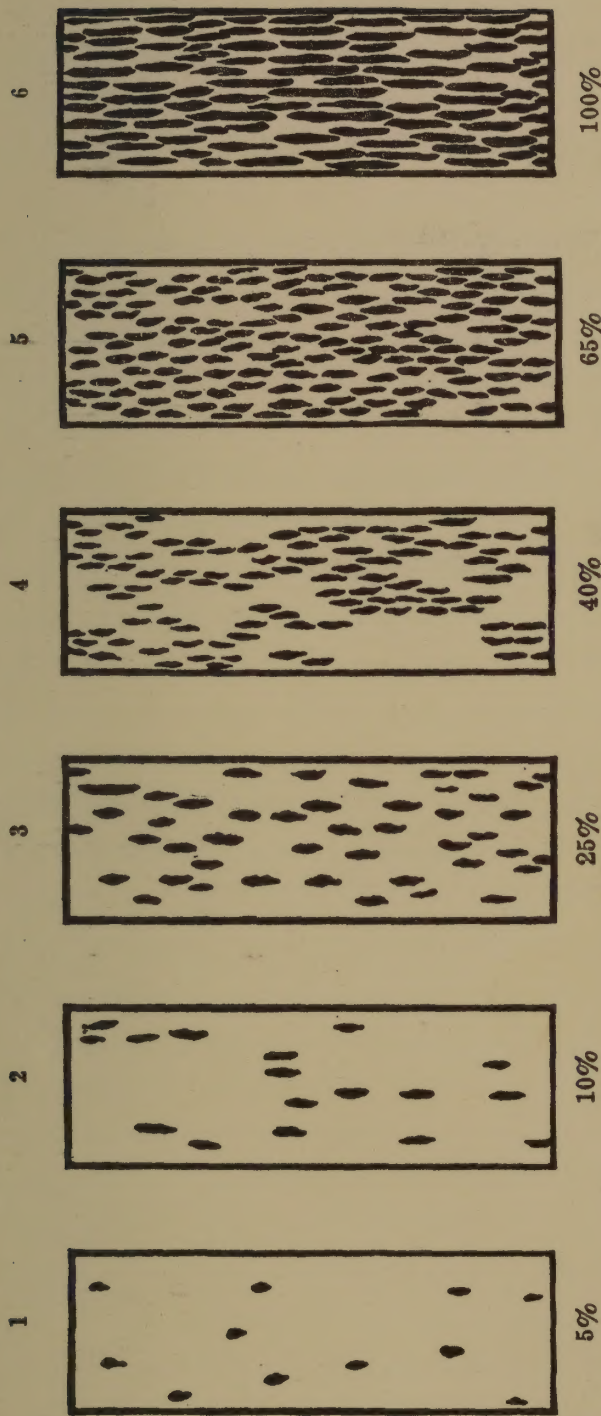
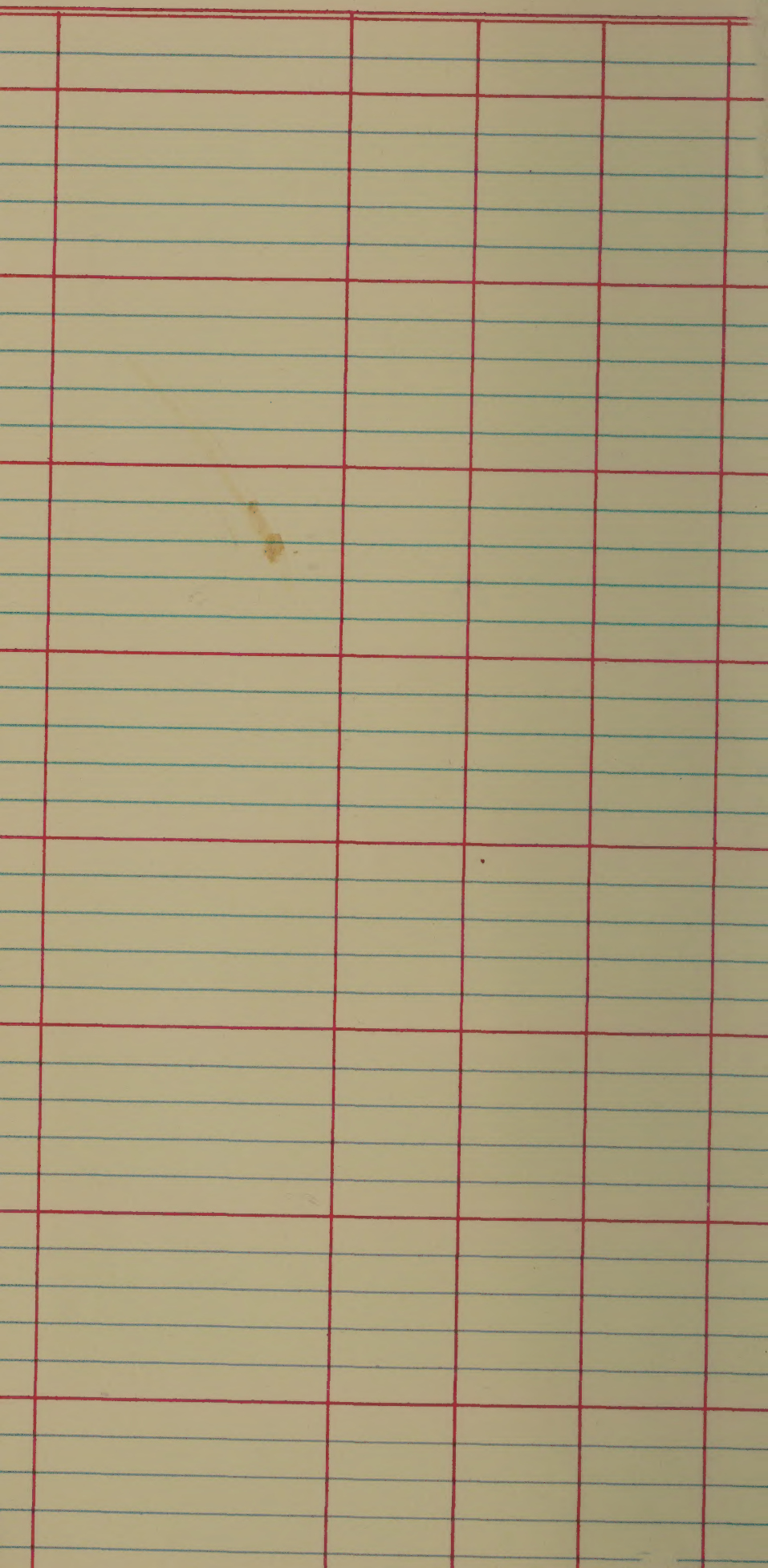
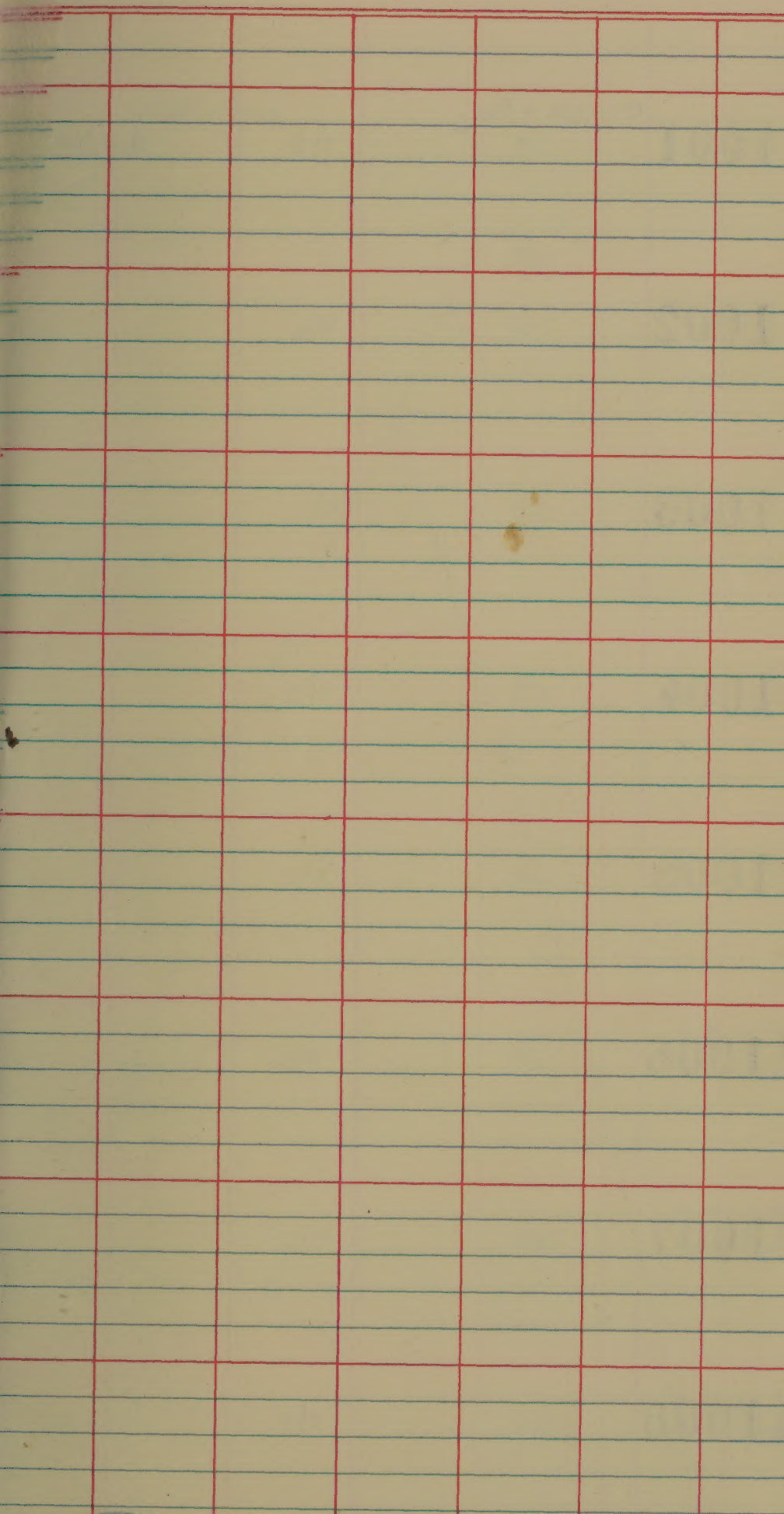


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.





11001

C646A - Bk₂

8/2

3689-3700

bk

11002

8/2

11003

8/2

11004

bk 9/13

8/3

11005

8/2

11006

8/2

11007

8/6

11008

8/7

C646A-BK₂

3689-3700

BK

8/7

11009

8/5

11010

8/4

11011

8/3

11012

8/2

11013

8/1

11014

7/30

11015

7/30

11016

BK 8/13

11017	C646A-Bk ₂	7/31	3689-3700 b/c
-------	-----------------------	------	------------------

11018		8/2	
-------	--	-----	--

11019		8/1	
-------	--	-----	--

11020	b/c 9/15	7/31	
-------	----------	------	--

11021		8/1	
-------	--	-----	--

11022		8/1	
-------	--	-----	--

11023		7/31	
-------	--	------	--

11024		7/30	
-------	--	------	--

C609A : excellent material ; beautiful plant type (D & W) ;
any bulbed rows are uniform enough for
1983 yield trials

2

13776	RU7801067	8/6	11025
-------	-----------	-----	-------

bx 9/13

6521	C609A - Bk-1-1	8/8	11026
------	----------------	-----	-------

7703008 / 7801067
(9881/331581/STBN/9837

-2

		8/8	11027
--	--	-----	-------

-3

		8/7	11028
--	--	-----	-------

-4

		8/8	11029
--	--	-----	-------

rip ✓

-5

		8/12	11030
--	--	------	-------

6524	C609A - Bk-4-1	8/14	11031
------	----------------	------	-------

82/508

IG-1 (7)

-2

		8/12	11032
--	--	------	-------

rip ✓
bx 9/10

11033

-3

8/13

11034

-4

8/13

11035

-5

8/11

11036

C609A-BK-5-1

8/13

6525

82/509

IG-1 (7)

11037

-2

8/10

11038

-3

8/14

11039

-4

8/11

11040

-5

8/14

del uniform across town

slight ht. & inst. var. across town

✓ p/p
bk 9/10

6526

C609A-BK-6-1

8/6

11041

-2

8/9

11042

-3

8/7

11043

-4

8/6

11044

-5

8/8

11045

6527

C609A-BK-7-1

8/13

11046

-2

8/14

11047

-3

8/12

11048

11049

-4

8/16

11050

-5

8/13

11051

R07703008

8/9

79/8

bk 9/13

11052

C609A-BK-8-1

8/9

6528

11053

-2

8/9

✓
P/P

bk 9/10

11054

-3

8/9

11055

-4

8/8

11056

-5

8/9

6530	C609A-Bk-10-1	8/19	11057
IG-1(5)	82/510		
	-2	8/19	11058
	-3	8/15	11059
	-4	8/17	11060
	-5	8/16	11061
6533	C609A-Bk-13-1	8/8	11062
IG-1(1)	82/512		P/P ✓ bk 7110
	-2	8/9	11063
	-3	8/8	11064

del. info. 02/09/04

11065

-4

8/7

11066

-5

8/8

11067

C609A-BK-14-1

8/17

6534

11068

-2

8/17

11069

-3

8/17

11070

-4

8/16

✓
8/16
bk 9/10
11071

-5

8/17

11072

C609A-BK-15-1

8/10

6535

-2

8/13

11073

-3

8/13

11074

11p ✓

bx 9/10

-4

8/13

11075

-5

8/12

11076

HR

BLMT

8/11

11077

bx 9/13

6537

C609A-BK-17-1

82/513

8/12

11078

IG-1 (5)

-2

8/14

11079

-3

8/12

11080

11081

✓
P/P
☆

-4

8/13

11082

-5

8/11

11083

C609A-BK-18-1

8/10

6538

11084

-2

8/7

11085

-3

8/13

11086

-4

8/12

11087

-5

8/11

✓
P/P

11088

C609A-BK-19-1

8/17

6539

82/514

IG-1 (7)

-2

8/17

11089

p/p ✓

b/c -1110

-3

8/17

11090

-4

8/17

11091

-5

8/17

11092

C609A-Bx-20-1

6540

8/13

11093

-2

8/13

11094

-3

8/12

11095

-4

8/11

11096

p/p ✓

11097	-5	8/13		
11098	C609A-BK-22-1 82/515	8/14	6542	IG-1 (7)
11099	-2	8/14		
11100	-3 ✓ P/p bk 9/10	8/13		
11101	-4	8/13		
11102	-5	8/15		
11103	C609A-BK-23-1	8/18	6543	
11104	-2	8/17		

-3

8/13

11105

-4

8/15

11106

-5

8/13

11107

C609A-BK-24-1

6544

8/16

11108

-2

8/13

11109

-3

8/14

11110

-4

8/9

11111

-5

8/13

11112

9/8 ✓

11011113	C609A-Bk-27-1	8/11		6547
11011114	-2	8/9		
11011115	-3	8/14		
11111116	-4	8/17		
✓ p bk				
11111117	-5	8/13		
✓ p/p				
11111118	C609A-Bk-28-1	8/17		6548
11111119	-2	8/17		
11111120	-3	8/14		
✓ p/p bk 9/10				

		-4	8/16	11121
		-5	8/17	11122
HR	LBNT		8/10	11123
			bic 9/13	
6549	C609A-BK-29-1		8/4	11124
IG-1(4)	82/516			
		-2	8/4	11125
		-3	8/5	11126
		-4	8/6	11127
		-5	8/6	11128
			P/p ✓	
			bic 9/10	

11129	C609A-BK-32-1	8/11	6553
	82/518		IG-1 (1)

11130	-2	8/13	
✓ p/p			
bic 9110			

11131	-3	8/13	
-------	----	------	--

11132	-4	8/13	
-------	----	------	--

11133	-5	8/13	
-------	----	------	--

11134	C609A-BK-33-1	8/6	6554
-------	---------------	-----	------

11135	-2	8/7	
-------	----	-----	--

11136	-3	8/7	
-------	----	-----	--

-4

8/8

11137

-5

8/8

11138

C609A-BK-34-1

6555

8/8

11139

-2

8/9

11140

-3

8/9

11141

-4

8/8

11142

-5

8/10

11143

C609A-BK-37-1

6558

8/17

11144

11145	-2	8/13	
11146	-3	8/14	
11147	-4	8/15	
11148	-5	8/13	
11149	NWRX	8/13	Br
			bx 9/13
11150	C609A-BK-38-1	8/7	6559
11151	-2	8/8	
11152	-3	8/10	

-4

8/13

11153

-5

8/10

11154

rip ✓

6562

C609A-BK-41-1

8/17

11155

-2

8/17

11156

-3

8/17

11157

-4

8/19

11158

-5

8/17

11159

6563

C609A-BK-42-1

8/9

11160

11161	-2	8/8			
-------	----	-----	--	--	--

11162	-3	8/9			
-------	----	-----	--	--	--

✓
p/p

11163	-4	8/11			
-------	----	------	--	--	--

11164	-5	8/5			
-------	----	-----	--	--	--

11165	C609A-BK-43-1	8/13	6564		
-------	---------------	------	------	--	--

11166	-2	8/11			
-------	----	------	--	--	--

11167	-3	8/13			
-------	----	------	--	--	--

11168	-4	8/13			
-------	----	------	--	--	--

-5

8/12

11169

rip ✓

C609A-BK-49-1

6570

8/13

11170

rip ✓

bk 9/10

-2

8/13

11171

-3

8/14

11172

-4

8/14

11173

-5

8/14

11174

RUT603015

HR

8/9

11175

bk 9/13

C609A-BK-52-1

6573

8/10

11176

11177

-2

8/9

✓ P/p
bk 910

11178

-3

8/7

11179

-4

8/18

11180

-5

8/7

11181

C609A-BK-54-1

8/14

6576

82/519

IG-1 (7)

11182

-2

8/14

11183

-3

8/14

11184

-4

8/13

✓ P/p
bk 910

-5

8/14

11185

C609A-BK-56-1

6578

8/11

11186

P/P ✓

-2

8/17

11187

-3

8/16

11188

-4

8/16

11189

-5

8/16

11190

C609A-BK-57-1

6579

8/8

11191

82/520

IG-1 (7)

P/P ✓
bk 9/10

-2

8/8

11192

11193 -3 8/9

11194 -4 8/12

11195 -5 8/9

11196 C609A-BK-58-1 8/9 6580

11197 -2 8/12

11198 -3 8/13

11199 -4 8/12

11200 -5 8/13

6584	C609A-BK-62-1	8/19	11201
IG-1 (7)	82/521		
	-2	8/18	11202
	-3	8/18	11203
	-4	8/20	11204
	-5	8/17	11205
6586	C609A-BK-64-1	8/8	11206
	-2	8/8	11207
	-3	8/9	11208

11209

-4

8/9

✓ P/P

11210

-5

8/6

11211

C609A-BK-71-1

8/10

6593

82/522

IG-1 (2)

11212

-2

8/8

11213

-3

8/5

✓ P/P

BK 9/10

11214

-4

8/8

11215

-5

8/9

11216

C609A-BK-77-1

8/13

6599

-2

8/14

11217

-3

8/15

11218

-4

8/12

11219

-5

8/12

11220

p/p ✓

bx 9/10

C609A-BK-81-1

6603

8/4

11221

-2

8/7

11222

p/p ✓

bx 9/10

-3

8/6

11223

-4

8/5

11224

11225

-5

8/6

11226

LEAH

8/8

26

bk 9/13

11227

C609A-BK-83-1

8/9

6605

✓ Pip

bk 9/10

11228

-2

8/13

11229

-3

8/11

11230

-4

8/13

11231

-5

8/11

11232

C609A-BK-86-1

8/11

6608

-2

8/9

11233

-3

8/8

11234

-4

8/12

11235

P/P ✓

b/c 9/10

-5

8/13

11236

C609A-BK-87-1

6609

8/11

11237

-2

8/11

11238

P/P ✓

b/c 9/10

-3

8/13

11239

-4

8/11

11240

11241

-5

8/6

11242

C609A-BK-89-1

8/6

6611

11243

-2

8/6

11244

-3

8/6

11245

-4

8/13

11246

-5

8/9

11247

C609A-BK-92-1

8/6

6614

11248

-2

8/6

-3

8/6

11249

-4

8/6

11250

rip

bk 9/10

-5

8/5

11251

RU8003005

5

8/5

11252

bk 9/13

C609A-BK-93-1

6615

82/523

8/17

11253

IG-1 (1)

-2

8/14

11254

-3

8/14

11255

-4

8/14

11256

rip

bk 9/10

11257	/	-5	8/15		
11258	C609A-BK-94-1		8/15	6616	
11259		-2	8/16		
11260		-3	8/15		
11261	✓ P/P	-4	8/9		
11262		-5	8/9		
11263	C609A-BK-95-1		8/6	6617	
11264		-2	8/7		

-3

8/7

11265

-4

8/8

11266

-5

8/9

11267

up ✓

C609A-BK-98-1

6620

8/8

11268

-2

8/7

11269

-3

8/6

11270

p/p ✓

-4

8/5

11271

-5

8/7

11272

11273	C609A-BK-99-1	8/14	6621
-------	---------------	------	------

11274	-2	8/16	
-------	----	------	--

11275	-3	8/13	
-------	----	------	--

11276	-4	8/12	
-------	----	------	--

11277	-5	8/16	
-------	----	------	--

11278	L-201	7/31	Biggs
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bic 9110

11279	C609A-3-1	8/6	6403
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11280	-2	8/5	
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-3

8/5

11281

-4

8/5

11282

p/p ✓

-5

8/5

11283

C609A-5-1

6405

8/6

11284

-2

8/7

11285

p/p ✓

-3

8/5

11286

-4

8/6

11287

-5

8/10

11288

11289	C609A-6-1	8/8	6406
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11290	-2	8/6	
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11291	-3	8/8	
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11292	-4	8/8	
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11293	-5	8/6	
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11294	C609A-9-1	8/10	6409
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11295	-2	8/12	
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11296	-3	8/13	
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-4

8/13

11297

-5

8/11

11298

C609A-12-1

6412

8/8

11299

-2

8/12

11300

-3

8/7

11301

✓
rip

-4

8/8

11302

-5

8/8

11303

C609A-15-1

6415

8/6

11304

11305	-2	8/8		
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11306	-3	8/5		
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11307	-4	8/5		
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11308	-5	8/5		
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11309	C609A-16-1	8/10	6416	
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11310	-2	8/8		
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11311	-3	8/7		
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11312	-4	8/6		
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-5

8/6

11313

C609A-17-1

6417

8/6

11314

-2

8/6

11315

-3

8/7

11316

-4

8/5

11317

P/P ✓

-5

8/5

11318

C609A-20-1

6420

8/7

11319

-2

8/6

11320

P/P ✓

11321	-3	8/6		
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11322	-4	8/7		
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11323	-5	8/8		
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11324	BBLE	8/6	2544	
bx 9110				

11325	C609A-22-1	8/5	6422	
✓ p/e bx 9110				

11326	-2	8/5		
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11327	-3	8/5		
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11328	-4	8/6		
✓ p/e				

-5

8/5

11329

C609A-25-1

6426

8/2

11330

-2

8/2

11331

✓
P/P

-3

8/6

11332

-4

8/6

11333

✓
P/P
bx 9/10

-5

8/4

11334

C609A-26-1

6427

8/5

11335

-2

8/6

11336

P/P ✓

11337

-3

8/9

11338

-4

8/12

11339

-5

8/7

11340

C609A-27-1

8/7

6428

11341

-2

8/8

11342

-3

8/6

✓
☆ P/P
br 9/10

11343

-4

8/9

✓
☆ P/P
br 9/10

11344

-5

8/11

6429

C609A-28-1

8/1

11345

✓
p/p

-2

8/1

11346

-3

8/4

11347

-4

8/6

11348

-5

8/5

11349

HR

LBLE

7/30

11350

bx 9/10

6432

C609A-31-1

8/10

11351

-2

8/12

11352

11353	-3	8/8		
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11354	-4	8/10		
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11355	-5	8/9		
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11356	CGO9A-32-1	8/7	6433	
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11357	-2	8/9		
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11358	-3	8/9		
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11359	-4	8/12		
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11360	-5	8/12		
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6437	C609A-36-1	8/7	11361
	-2	8/5	11362 ✓ P/P
	-3	8/6	11363
	-4	8/9	11364
	-5	8/7	11365
6439	C609A-38-1	8/6	11366
	-2	8/7	11367
	-3	8/6	11368 ✓ P/P

11369	-4	8/7	
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11370	-5	8/7	
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11371	C609A-40-1	8/6	6441
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11372	-2	8/7	
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✓
P/P

11373	-3	8/6	
-------	----	-----	--

11374	-4	8/13	
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11375	-5	8/5	
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11376	RV8103058	8/20	88
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6443

C609A-42-1

8/6

11377

-2

8/6

11378

-3

8/6

11379

-4

8/3

11380

P/P ✓

-5

8/6

11381

6444

C609A-43-1

8/3

11382

P/P ✓

-2

8/6

11383

-3

8/3

11384

11385	-4	8/2		
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11386	-5	8/6		
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11387	C609A-44-1	8/16	6445	
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11388	-2	8/12		
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11389	-3	8/8		
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11390	-4	8/8		
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11391	-5	8/8		
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11392	C609A-45-1	8/13	6446	
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-2

8/9

11393

-3

8/12

11394

-4

8/18

11395

-5

8/12

11396

6447

C609A-46-1

8/17

11397

-2

8/8

11398

8/1 ✓

-3

8/16

11399

-4

8/8

11400

11401

-5

8/14

11402

C609A-50-1

8/10

6452

11403

-2

8/12

11404

-3

8/9

✓
p/p
11405

-4

8/9

11406

-5

8/9

11407

C609A-52-1

82/501

8/11

6454

11408

-2

8/8

-3

8/8

11409

-4

8/5

11410

-5

8/7

11411

✓
P/p

bx 9/10

C609A-55-1

6457

8/6

11412

82/502

IG-1(1)

-2

8/2

11413

✓

P/p

bx 9/10

-3

8/6

11414

-4

8/5

11415

-5

8/8

11416

11417	C609A-56-1	815	6458
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11418	-2	816	
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11419	-3	817	
-------	----	-----	--

✓ Pp ✓

11420	-4	816	
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11421	-5	816	
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11422	C609A-58-1	811	6460
-------	------------	-----	------

✓ Pp

11423	-2	819	
-------	----	-----	--

11424	-3	819	
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-4

8/8

11425

-5

8/8

11426

P/p ✓

DAWN

border

8/12

11427

bk 9/13

C609A-59-1

6461

8/9

11428

82/503

IG-1(1)

✓

P/p

bk 9/10

-2

8/11

11429

-3

8/8

11430

-4

8/7

11431

-5

8/7

11432

11433	C609A-62-1	8/8	6464
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11434	-2	8/9	
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11435	-3	8/7	
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11436	-4	8/7	
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11437	-5	8/7	
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11438	C609A-63-1	8/6	6465
-------	------------	-----	------

11439	-2	8/9	
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11440	-3	8/7	
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✓
P/p
bx 9/10

-4

8/7

11441

-5

8/6

11442

6466

C609A-64-1

8/6

11443

-2

8/6

11444

-3

8/8

11445

-4

8/3

11446

P/p ✓

-5

8/8

11447

P/p ✓

6468

C609A-66-1

8/7

11448

P/p ✓

11449	-2	8/7		
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11450	-3	8/9		
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11451	-4	8/9		
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11452	-5	8/7		
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11453	RU8003043	8/16	HR	
br 9/10				

11454	C609A-68-1	8/8	6470	
-------	------------	-----	------	--

11455	-2	8/8		
-------	----	-----	--	--

11456	-3	8/7		
✓ P/R				

-4

8/9

11457

-5

8/9

11458

C609A-73-1

6476

8/3

11459

-2

8/11

11460

p/p ✓

-3

8/4

11461

-4

8/3

11462

-5

8/5

11463

C609A-75-1

6478

8/7

11464

82/504

p/p ✓

IG-1(1)

bx 7/10

11465

-2

8/6

11466

-3

8/5

11467

-4

8/5

11468

-5

8/6

11469

C609A-76-1

8/2

6479

82/506

IG-1(3)

11470

-2

8/1

11471

-3

8/1

11472

-4

8/4

-5

8/6

11473

BLPT

2545

8/1

11474

b/c 9/10

C609A-77-1

6480

8/10

11475

-2

8/7

11476

-3

8/7

11477

-4

8/8

11478

-5

8/2

11479

p/p ✓

C609A-78-1

6481

8/5

11480

p/p ✓

11481	-2	8/3		
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11482	-3	8/6		
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11483	-4	8/8		
-------	----	-----	--	--

11484	-5	8/5		
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11485	C609A-79-1	8/6	6482	
-------	------------	-----	------	--

11486	-2	8/5		
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✓ 8/8

11487	-3	8/11		
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11488	-4	8/8		
-------	----	-----	--	--

-5

8/7

11489

6484

C609A-81-1

8/9

11490

-2

8/7

11491

-3

8/5

11492

✓
1/8

-4

8/8

11493

-5

8/17

11494

6486

C609A-83-1

8/14

11495

-2

8/9

11496

111497	-3	8/6	
✓ P/p			
111498	-4	8/9	
✓ P/p			
bk 9110			
111499	-5	8/10	
111500	C609A-85-1	8/5	6488
111501	-2	8/9	
✓ P/p			
111502	-3	8/6	
111503	-4	8/6	
111504	-5	8/4	

C609A-86-1

6489

8/8

11505

-2

8/8

11506

p/p ✓

-3

8/8

11507

-4

8/8

11508

-5

8/5

11509

C609A-89-1

6492

8/4

11510

-2

8/4

11511

p/p ✓

-3

8/2

11512

11513	-4	8/4		
-------	----	-----	--	--

11514	-5	8/6		
-------	----	-----	--	--

11515	C609A-92-1	8/3	6495	
-------	------------	-----	------	--

11516	-2	8/5		
-------	----	-----	--	--

11517	-3	8/8		
✓ P/P				

11518	-4	8/13		
-------	----	------	--	--

11519	-5	8/8		
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11520	C609A-93-1	8/11	6496	
	82/507			
				IG-1(4)

-2

8/9

11521 ✓
P/P

-3

8/9

11522

-4

8/6

11523

-5

8/10

11524

2567

RU7603091

8/16

11525

bx 9/13

6497

C609A-94-1

8/7

11526 ✓
P/P

-2

8/5

11527

-3

8/6

11528

11529

-4

8/8

11530

-5

8/2

11531

C609A-95-1

7/31

6498

✓ P/p

11532

-2

8/5

11533

-3

8/16

11534

-4

8/4

11535

-5

8/2

✓ P/p

bk 9/10

11536

C609A-101-1

8/5

6504

-2

8/6

11537

-3

8/3

11538

-4

8/5

11539

-5

8/2

11540

p/p ✓

6508

C609A-105-1

8/9

11541

-2

8/11

11542

-3

8/7

11543

-4

8/13

11544

11545	-5	8/8	
11546	C609A-108-1	8/7	6511

11547	-2	8/9	
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11548	-3	8/7	
-------	----	-----	--

✓ p/p

11549	-4	8/7	
-------	----	-----	--

✓
p/p
bk 9/10

11550	-5	8/9	
-------	----	-----	--

11551	C609A-113-1	8/7	6516
-------	-------------	-----	------

✓ p/p

11552	-2	8/9	
-------	----	-----	--

-3

8/12

11553

-4

8/9

11554

-5

8/8

11555

RU 7801067

13776

8/4

11556

bk 9/10

C609A -BK₃

6623-40

bk

8/7

11557

8/9

11558

bk 9/9

8/9

11559

8/7

11560

C609A-Bk₃

11561

8/9

6623-40

bic

11562

8/7

11563

8/5

11564

6K 9/9

8/7

11565

8/5

11566

8/6

11567

8/8

11568

8/7

C609A-Bk₃

6623-40

bk

8/7

11569

RU7703008

79/8

8/10

11570

bk 9/13

C609A-Bk₄

PR 3050-74

bk

8/6

11571

8/6

11572

8/5

11573

8/2

11574

8/4

11575

8/3

11576

C609A - Bk4

11577

8/4

PR 3050-74

bk

11578

8/2

11579

8/4

11580

b7 9/9

8/3

11581

8/3

11582

8/5

11583

8/6

11584

8/3

C609A - Bry

PR 3050-74

bk

8/4

11585

8/3

11586

8/2

11587

9/9
bk

8/6

11588

8/4

11589

8/2

11590

8/5

11591

8/5

11592

11593 C609A -Bk_u

8/9

PR3050-74
bik

11594

8/9

11595

8/5

11596

6K 9/9

8/2

11597

8/5

11598

8/6

11599

8/7

11600

8/5

C670A contains spiculated material; very early; moderate
& short lft. Some are uniform enough for
1983 yield trials. All may be susceptible to st. hd!
After very small grains. Where stem disease?

38

9825	C670A - 4 - 1	8/3	11601
	LBLE//SSD/SSS		
	-2	8/9	11602
	-3	8/5	11603
	-4	8/3	11604
	-5	8/5	11605
			✓ r/p
9828	C670A - 7 - 1	8/6	11606
	-2	8/6	11607
	-3	8/8	11608

11609	-4	8/5		
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11610	-5	8/4		
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11611	C670A-8-1	8/2	9829	
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11612	-2	8/3		
-------	----	-----	--	--

11613	-3	8/5		
-------	----	-----	--	--

11614	-4	8/3		
-------	----	-----	--	--

11615	-5	8/5		
-------	----	-----	--	--

11616	C670A-9-1	8/2	9830	
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-2

8/5

11617

-3

8/5

11618

-4

8/6

11619

-5

8/5

11620

1/2

9831

C670A-10-1

8/6

11621

1/2

-2

8/6

11622

-3

8/7

11623

-4

8/4

11624

11625

-5

8/6

11626

SSD/SSS

8/16

9821

11627

C670A-12-1

8/6

9833

11628

-2

8/6

11629

-3

8/6

11630

-4

8/8

11631

-5

8/6

11632

C670A-13-1

8/4

9834

-2

8/5

11633

✓
pip

-3

8/7

11634

-4

8/7

11635

-5

8/7

11636

C670A-15-1

9836

8/3

11637

-2

8/7

11638

-3

8/4

11639

✓
pip

-4

8/3

11640

✓
pip

bx 9/13

11641	-5	8/2		
11642	C670A-16-1	8/3	9837	
✓ P/P bk 9/13				
11643	-2	8/3		
11644	-3	8/2		
11645	-4	8/3		
✓ P/P bk 9/13				
11646	-5	8/4		
11647	C670A-17-1	8/6	9838	
11648	-2	8/7		

-3

8/10

11649

-4

8/16

11650

-5

8/5

11651

Pp ✓

HR

BLMT

8/13

11652

b/c 9/13

9839

C670A-18-1

8/6

11653

-2

8/4

11654

-3

8/4

11655

-4

8/7

11656

11657	-5	8/4			
✓ P/P					
11658	C670A-19-1	8/6		9840	
11659	-2	8/2			
11660	-3	8/2			
11661	-4	8/1			
11662	-5	8/2			
✓ P/P					
11663	C670A-21-1	8/6		9842	
11664	-2	8/6			

-3

8/7

11665

-4

8/6

11666

-5

8/5

11667

P/P ✓

9843

C670A - 22-1

8/1

11668

-2

8/5

11669

-3

8/2

11670

P/P ✓

-4

8/2

11671

-5

8/2

11672

P/P ✓

br 9/13

11673	LBLE	8/1	HR
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bk 9/13

11674	C670A-23-1	8/5	9844
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11675	-2	8/5	
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11676	-3	8/4	
-------	----	-----	--

✓
p/p
bk 9/13

11677	-4	8/2	
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11678	-5	8/5	
-------	----	-----	--

11679	C670A-27-1	8/5	9848
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✓
p/p
bk 9/13

11680	-2	8/6	
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-3

8/5

11681

-4

8/6

11682

-5

8/4

11683

C670A-28-1

9849

8/5

11684

-2

8/5

11685

-3

8/4

11686

p/p ✓

-4

8/4

11687

-5

8/4

11688

11689	C670A - 29 - 1	8/3		9850
11690	-2	8/3		
11691	-3	8/7		
11692	-4	8/10		
11693	-5	8/10		
11694	C670A - 33 - 1	8/11		9854
✓ 8/9				
11695	-2	8/13		
11696	-3	8/12		

-4

8/9

11697

-5

8/9

11698

9855

C670A-34-1

8/13

11699

-2

8/14

11700

-3

8/5

11701

-4

8/4

11702

-5

8/5

11703

P/P ✓

9856

C670A-35-1

8/4

11704

P/P ✓

11705

-2

8/5

11706

-3

8/5

11707

-4

8/6

11708

-5

8/7

11709

C670A-38-1

8/6

9859

11710

-2

8/4

11711

-3

8/4

11712

-4

8/2

-5

8/6

11713

C670A-39-1

9860

8/2

11714

P/P

bk 9/13

-2

8/1

11715

-3

8/4

11716

-4

8/2

11717

P/P

-5

8/3

11718

P/P

bk 9/13

C670A-40-1

9861

8/1

11719

-2

8/5

11720

11721	-3	8/4	
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✓ P/p

11722	-4	8/1	
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✓

P/p

bk 9/13

11723	-5	8/3	
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11724	RU8003043	8/18	HR
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11725	C670A-Bk-1	8/6	9801-20
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11726	-2	8/5	
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11727	-3	8/5	
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✓ P/p

11728	-4	8/6	
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9801-20	C670A - Bk -5	8/5	11729
	-6	8/3	11730
	-7	8/5	11731
	-8	8/2	11732
	-9	8/2	11733
	-10	8/1	11734
	-11	8/5	11735
	-12	8/6	11736

11/8 ✓
bck 9/13

C670A-BK-13

11737

8/3

9801-20

✓ P/p

-14

11738

8/5

-15

11739

8/3

✓
P/p
bk 9/13

-16

11740

8/7

-17

11741

8/4

-18

11742

8/3

-19

11743

8/5

✓ P/p

-20

11744

8/2

✓ P/p

C670A - Bk - 21

9801-20

8/3

11745

-22

8/5

11746

P/p ✓

bk 9/13

-23

8/2

11747

-24

8/3

11748

-25

8/7

11749

P/p ✓

LBNT

HR

8/13

11750

bk 9/13

C670A - Bk - 26

9801-20

8/3

11751

P/p ✓

-27

8/2

11752

C670A-BK-28

11753

8/1

9801-20

✓
PIP

-29

11754

8/2

-30

11755

8/2

✓
PIP

-31

11756

8/5

✓
PIP

-32

11757

8/4

✓
PIP

-33

11758

8/5

✓
PIP

-34

11759

8/6

-35

11760

8/5

✓

C670A - Bk - 36

9801-20

8/7

11761

-37

8/5

11762

tip

-38

8/11

11763

-39

8/5

11764

Ds

-40

8/5

11765

tip

-41

8/4

11766

-42

8/2

11767

tip

-43

8/4

11768

11769	C670A-Bk-44	8/5	9501-20
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✓
P/P
bk 9/13

11770	-45	8/7	
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11771	-46	8/7	
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✓
P/P

11772	-47	8/4	
-------	-----	-----	--

✓
P/P

11773	-48	8/4	
-------	-----	-----	--

✓
P/P

11774	-49	8/4	
-------	-----	-----	--

11775	LEAH	8/18	26
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11776	C670A-Bk-50	8/3	9501-20
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C670A-BK-51

9801-20

8/6

11777

P/P ✓

-52

8/7

11778

-53

8/7

11779

P/P ✓

bx 9/13

-54

8/11

11780

-55

8/6

11781

-56

8/4

11782

P/P ✓

-57

8/5

11783

-58

8/6

11784

C670A-BK-59

11785

8/5

9801-20

✓ P/P

bk 9/13

11786

-60

8/4

11787

-61

8/4

✓ P/P

11788

-62

8/7

11789

-63

8/5

✓ P/P

bk 9/13

11790

-64

8/5

11791

-65

8/1

✓ P/P

11792

-66

8/5

✓ P/P

C670A-Bk-67

9801-20

8/1

11793

p/p ✓

-68

8/2

11794

p/p ✓

bx 9/13

-69

8/2

11795

-70

8/1

11796

-71

8/1

11797

p/p ✓

-72

8/3

11798

p/p ✓

bx 9/13

-73

8/1

11799

-74

8/5

11800

C670A-BK-75

11801

8/3

9801-20

11802

-76

8/5

11803

-77

8/5

11804

-78

8/3

✓
P/p

11805

-79

8/4

11806

-80

8/2

✓
P/p

11807

-81

8/7

11808

-82

8/9

C670A-BK-83

9801-20

8/1

11809

-84

8/2

11810

P/P ✓

-85

8/3

11811

P/P ✓

-86

8/5

11812

-87

8/5

11813

P/P ✓

bk 9/13

-88

8/7

11814

-89

8/9

11815

-90

8/9

11816

11817	C670A - Bk - 91	8/2	9801-20
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✓
P/p

11818	-92	8/4
-------	-----	-----

✓
P/p

11819	-93	8/5
-------	-----	-----

11820	-94	8/1
-------	-----	-----

✓
P/p

11821	-95	8/2
-------	-----	-----

✓
P/p

11822	-96	8/1
-------	-----	-----

11823	-97	8/4
-------	-----	-----

✓
P/p
bk 9/13

11824	-98	8/5
-------	-----	-----

45

RU7901045

8/10

11825

9801-20

C670A-Px-99

8/5

11826

P/P ✓

-100

8/1

11827

P/P ✓

-101

8/3

11828

P/P ✓

-102

8/6

11829

-103

7/31

11830

-104

8/2

11831

P/P ✓

-105

8/5

11832

C670A-BK-106

✓
11833

8/3

9301-20

P/p

-107

✓
11834

8/3

P/p

bx 9/13

-108

11835

8/5

-109

✓
11836

8/2

P/p

-110

11837

8/5

-111

11838

8/4

-112

11839

8/2

-113

11840

8/1

C670A-BK-114

9801-20

8/1

11841

-115

8/3

11842

-116

8/4

11843

-117

8/9

11844

-118

8/4

11845

-119

8/3

11846

✓
P/P

-120

8/6

11847

-121

8/8

11848

C670A-BK-122

11849

8/2

9801-20

✓ P10

-123

11850

8/2

RU8101007

11851

8/7

7

C670A-BK₂

11852

8/2

9801-20

bk

11853

8/2

11854

8/5

6/4 9/13

11855

8/6

11856

8/7

C6TDA-BK₂

9801-20

bk

8/1

11857

8/6

11858

8/6

11859

8/9

11860

8/2

11861

8/4

11862

8/7

11863

8/7

11864

11865	C670A-Bk ₂	8/8	9801-20
11866	R08003005	8/11	5
11867	C670A-Bk ₃	8/7	PR3342-59 bk
11868		8/9	
11869	bk 9/13	8/9	
11870		8/8	
11871		8/5	
11872		8/6	

C670A-Bk₃

PR 3342-59

bk

8/3

11873

8/6

11874

8/6

11875

8/4

11876

8/4

11877

8/7

11878

8/4

11879

8/4

11880

11881	C6T0A-Bk ₃	8/1	PR3342-59 b/c
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11882		8/1	
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11883		8/1	
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11884	9/13 b/c	8/2	
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11885		8/1	
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11886		7/31	
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11887		7/31	
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11888		8/2	
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C670A-BK3

PR3342-5A

bk

8/1

11889

8/4

11890

8/1

11891

8/1

11892

8/1

11893

8/2

11894

8/2

11895

8/3

11896

C616 lines probably have little potential except for
very coarseness; all normal; particles usually +argy and
pass; possibly similar to St. Id. Maybe less stem disease?

11897	C610A-Bk3	8/2	PR3342-59 bc
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11898		8/3	
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11899		8/6	
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11900		8/5	13777
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11901	C616-1-1	8/13	13777
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STBN/9837//7603015

11902	-2	8/13	
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11903	-3	8/7	
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11904	-4	8/7	
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-5

8/6

11905

P/P

CG16A-2-1

13778

8/3

11906

-2

8/6

11907

-3

8/6

11908

P/P

-4

8/6

11909

-5

8/1

11910

CG16A-5-1

13781

8/4

11911

P/P

bx 9/13

-2

8/5

11912

11913

-3

8/5

11914

-4

8/7

11915

-5

8/8

11916

C616A-6-1

8/5

13782

11917

-2

8/3

11918

-3

8/9

11919

-4

8/5

11920

-5

8/7

8/18

OK 1/13

C616A-9-1

13785

8/4

11921

-2

8/5

11922

★ P/p

bx 9/13

-3

8/6

11923

-4

8/7

11924

-5

8/11

11925

13776

8/7

11926

bx 9/13

C616A-10-1

13786

8/3

11927

-2

8/6

11928

11929

-3

8/2

11930

-4

8/6

11931

-5

8/4

11932

C616A-11-1

8/8

13787

11933

-2

8/5

✓
P/P
bk 9/13

11934

-3

8/6

11935

-4

8/7

11936

-5

8/7

13789	C616A-13-1	8/1	11937
	-2	8/3	11938
	-3	8/4	11939
	-4	8/1	11940 P/P ✓
	-5	8/5	11941
13790	C616A-14-1	8/4	11942
	-2	8/5	11943
	-3	8/9	11944

11945

-4

8/7

11946

-5

8/5

11947

C616A-16-1

8/1

13792

11948

-2

8/9

11949

-3

8/7

11950

-4

8/4

11951

-5

8/5

11952

RU160 3015

8/10

HR

bk 9/13

13793	C616A-17-1	8/5	11953
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	-2	8/5	11954
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	-3	8/9	11955
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	-4	8/5	11956
--	----	-----	-------

	-5	8/1	11957
--	----	-----	-------

P/5 ✓

13795	C616A-19-1	8/9	11958
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	-2	8/7	11959
--	----	-----	-------

	-3	8/10	11960
--	----	------	-------

11961	-4	8/9		
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11962	-5	8/6		
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11963	C616A-22-1	8/5	13198	
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11964	-2	8/7		
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11965	-3	8/9		
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11966	-4	8/5		
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11967	-5	8/5		
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11968	C616A-23-1	8/7	13199	
-------	------------	-----	-------	--

-2

8/10

11969

-3

8/6

11970

-4

8/7

11971

-5

8/9

11972

P/P ✓

88

RV8103088

11973

13801

C616A-25-1

8/7

11974

-2

8/9

11975

-3

8/6

11976

11977

-4

8/6

11978

-5

8/9

11979

C616A-26-1

8/6

13802

11980

-2

8/9

11981

-3

8/7

✓
P/P

11982

-4

8/7

11983

-5

8/7

11984

C616A-29-1

7/31

13805

-2

8/5

11985

-3

7/31

11986

✓
11/p

-4

7/31

11987

-5

8/8

11988

C616A-30-1

13806

8/7

11989

-2

8/6

11990

-3

8/7

11991

-4

8/5

11992

		-5		
✓ 11993 P/p br 9/13		8/7		
	C616A-34-1			
11994		8/7		13810
		-2		
11995		8/8		
		-3		
✓ 11996 P/p br 9/13		8/6		
		-4		
11997		8/9		
		-5		
11998		8/9		
	C616A-35-1			
✓ 11999 P/p		8/6		13811
		-2		
12000		8/10		

-3

No plants

12001

-4

8/9

12002

-5

8/6

12003

C616A-37-1

13813

8/6

12004

-2

8/6

12005

-3

8/2

12006

8/11 ✓

-4

8/8

12007

-5

8/7

12008

12009	C616A-40-1	8/7	13816
12010	-2	8/8	
12011	-3	8/8	
12012	-4	8/4	
12013	-5	8/1	
12014	LALE-X2-2	8/7	12
bk 9/13			
12015	C616A-BK-1	8/11	13818-29
12016	-2	8/7	

C616A-Bk-3

13818-29

8/6

12017

P/P ✓

-4

8/6

12018

-5

8/12

12019

-6

8/6

12020

-7

8/4

12021

P/P ✓

bx 9/13

-8

8/6

12022

-9

8/6

12023

P/P ✓

bx 9/13

-10

8/5

12024

C616A-Bx-11

12025

8/2

13818-29

-12

12026

8/5

-13

12027

8/4

✓ p/p

-14

12028

8/7

-15

12029

8/7

-16

12030

8/8

-17

12031

8/6

✓ p/p

-18

12032

8/5

C616A - Bk - 19

13818-29

8/7

12033

-20

8/7

12034

✓
P/P

-21

8/7

12035

-22

8/6

12036

-23

8/6

12037

✓
P/P

-24

8/8

12038

-25

8/5

12039

-26

8/11

12040

C616A-BK-27

12041

8/6

13818-29

-28

12042

8/4

✓
p/p

-29

12043

8/6

-30

12044

8/7

-31

12045

8/10

-32

12046

8/6

✓
p/p
bk 9/13

-33

12047

8/7

-34

12048

8/8

C616A-BK-35

3818-29

8/10

12049

RU7603069

2560

8/17

12050

C616A-BK-36

3818-29

8/6

12051

P/P ✓

-37

8/13

12052

-38

8/7

12053

-39

8/4

12054

P/P ✓

-40

8/9

12055

-41

8/5

12056

P/P ✓

C616A-BK-42

12057

8/6

13818-29

✓
P/P

-43

12058

8/13

-44

12059

8/10

-45

12060

8/6

✓

P/P

bk 9/13

-46

12061

8/9

-47

12062

8/10

-48

12063

8/10

-49

12064

8/12

C616A-BK-50

13818-29

8/8

12065

-51

8/9

12066

-52

8/4

12067

-53

8/10

12068

-54

8/4

12069

-55

8/5

12070

P/P ✓

-56

8/10

12071

-57

8/6

12072

P/P ✓

b.m. 9/13

12073	C616A-BK-58	8/10	13818-29
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12074	-59	8/6	
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12075	RU1703012	8/6	11747
-------	-----------	-----	-------

bk 9/13

12076	C616A-BK-60	8/7	13818-29
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✓
p/p

12077	-61	8/7	
-------	-----	-----	--

12078	-62	8/11	
-------	-----	------	--

12079	-63	8/9	
-------	-----	-----	--

12080	-64	8/10	
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C616A-BK-65

13818-29

8/13

12081

-66

12082

-67

8/11

12083

11/10

-68

8/16

12084

-69

8/10

12085

-70

8/9

12086

-71

8/9

12087

-72

8/8

12088

12089	C616A-BK-73	8/13	13818-29
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12090	-74	8/8	
-------	-----	-----	--

12091	-75	8/5	
-------	-----	-----	--

12092	-76	8/7	
-------	-----	-----	--

12093	-77	8/5	
-------	-----	-----	--

12094	-78	8/12	
-------	-----	------	--

12095	-79	8/9	
-------	-----	-----	--

12096	-80	8/7	
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C616A-BK-81

13818-29

8/10

12097

-82

8/9

12098

-83

8/8

12099

P/P

-84

8/9

12100

-85

8/12

12101

-86

8/17

12102

-87

8/8

12103

-88

8/5

12104

P/P

C616A-BK-89

12105

8/4

13818-29

✓
P/P

-90

12106

8/6

-91

12107

8/1

✓
P/P

-92

12108

8/3

-93

12109

8/1

-94

12110

8/1

✓
P/P

-95

12111

8/1

-96

12112

8/6

✓
P/P

C616A - BK - 97

13818-29

8/5

12113

-98

8/4

12114

P/P ✓

-99

8/8

12115

-100

8/4

12116

-101

8/4

12117

P/P ✓

-102

8/5

12118

-103

8/4

12119

P/P ✓

-104

8/1

12120

P/P ✓

12121 STBN

68

12122 C616A - Bk₂

8/3

13818-29

bk

12123

8/4

12124

8/3

12125

bk 9/13

8/1

12126

8/2

12127

8/2

12128

8/2

C616A-Bk₂

13818-29

bk

8/4

12129

8/5

12130

8/3

12131

8/3

12132

bk 9/13

8/1

12133

8/1

12134

8/1

12135

8/1

12136

12137	C616 A - Bk ₂	8/4	13818-29 bk
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12138		8/4	
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12139		8/3	
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12140	bk 9/13	8/3	
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12141		8/5	
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12142		8/2	
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12143		8/6	
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12144		8/3	
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B7940A1 lines all very poor; some PB; distorted
grain, etc. no p/p sound!

72

C616A-8k₂

13818-29
bk

814

12145

815

12146

814

12147

bk 9/13

816

12148

817

12149

812

12150

RU7502076

2568

813

12151

B7940A1 - Bk - 1

2951-74

814

12152

L201 / 7502076

12153	B7940A1-Bk-2	8/18	2951-74
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12154	-3	8/13	
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12155	-4	8/5	
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12156	-5	8/4	
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12157	-6	8/12	
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12158	-7	8/16	
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12159	-8	8/12	
-------	----	------	--

12160	-9	8/17	
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2951-74	37940A1-BK-10	8/12	12161
	-11	8/11	12162
	-12	8/6	12163
	-13	8/11	12164
	-14	8/11	12165
	-15	8/19	12166
	-16	8/10	12167
	-17	8/5	12168

12169	B7940A1-BK-18	8/4	2951-74
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12170	-19	8/16
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12171	-20	8/13
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12172	-21	8/19
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12173	-22	8/17
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12174	-23	8/13
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12175	-24
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12176	-25	8/7
-------	-----	-----

37940A1-BK-26

2951-74

8/6

12177

-27

8/8

12178

-28

8/10

12179

-29

8/2

12180

-30

8/10

12181

-31

8/10

12182

-32

8/18

12183

-33

8/9

12184

12185	B794091-Bk-34	8/13	2951-74
-------	---------------	------	---------

12186	-35	8/5	
-------	-----	-----	--

12187	-36	8/10	
-------	-----	------	--

12188	-37	8/10	
-------	-----	------	--

12189	-38	8/12	
-------	-----	------	--

12190	-39	8/13	
-------	-----	------	--

12191	-40	8/4	
-------	-----	-----	--

12192	L-201	8/1	Biggs
-------	-------	-----	-------

bk 9/13

B7940A1. bulk looks very poor in the old money area
(nos 12193-12200) but very good in the new area **75**
(12201-40); many have large grains and many are very short!

2951-74

bk

B7940A1-Bk₂

8/2

12193

8/2

12194

8/2

12195

8/3

12196

8/2

12197

8/2

12198

8/2

12199

8/2

12200

bk 9/13

Seeded 5/27/82

12201	B7940A1-Bk2	8/30	2951-74	bic
-------	-------------	------	---------	-----

12202		8/24		
-------	--	------	--	--

12203		8/21		
-------	--	------	--	--

12204		8/21		
-------	--	------	--	--

12205		8/20		
-------	--	------	--	--

12206		8/21		
-------	--	------	--	--

12207		8/23		
-------	--	------	--	--

12208		8/20		
-------	--	------	--	--

B7940A1-Bk₂

2951-74

bx

8/23

12209

8/23

12210

LEAH

26

8/27

12211

b/c 10/5

B7940A1-Bk₃

PR 3306-19

bx

8/23

12212

8/21

12213

8/23

12214

8/21

12215

8/19

12216

P/P 10/25

12217	B7940A1-Bk ₃	8/22	PR 3306-19 bk
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12218		8/22	
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12219		8/18	
-------	--	------	--

12220	P/P 10/25	8/18	
-------	-----------	------	--

12221		8/19	
-------	--	------	--

12222		8/19	
-------	--	------	--

12223		8/18	
-------	--	------	--

12224		8/20	
-------	--	------	--

B794DA1-Bk3

PR 3306-19

bk

8/20

12225

8/21

12226

8/20

12227

8/22

12228

P/P 10/25

8/19

12229

8/19

12230

8/19

12231

8/19

12232

12233 BT940A1-Bk₃ 8/19 PR 3306-19

12234 8/19

12235 8/21

12236 8/20
P/p 10/25

12237 8/22

12238 8/23

12239 8/18

12240 8/22

79/8

RUTTO 3008

8/30

12241

bk 10/5

6271

C611A-BK-3-1

8/28

12242

Pp ✓

9881/331581 // L201

-2

8/29

12243

-3

8/29

12244

-4

8/26

12245

-5

8/28

12246

6274

C611A-BK-6-1

8/26

12247

-2

8/23

12248

Pp ✓

12249

-3

8/24

✓
pip

bk 10/5

12250

-4

8/24

dup

12251

-5

8/27

12252

C611A-BK-7-1

8/27

6275

12253

-2

8/28

12254

-3

8/26

✓
pip

bk 10/5

12255

-4

8/28

12256

-5

8/26

6280

C611A-BK-12-1

82/584

8/27

12257

-2

8/27

12258

Pje

bk 1015

-3

8/25

12259

-4

8/27

12260

-5

8/30

12261

6284

C611A-BK-16-1

8/30

12262

-2

8/31

12263

-3

8/31

12264

12265

-4

8/31

12266

-5

8/31

C611A-BK-17-1

12267

8/24

6285

✓
P/P

BK 1015

12268

-2

8/25

12269

-3

8/24

✓
P/P

grand dup

12270

-4

8/25

12271

-5

8/24

C611A-BK-20-1

12272

8/27

6288

-2

8/24

12273

✓
P/P

bk 10/5

-3

8/24

12274

-4

8/24

12275

-5

8/24

12276

L-201

Biggs

8/17

12277

bk 10/5

C611A-BK-21-1

6289

8/22

12278

-2

8/22

12279

✓
P/P

-3

8/22

12280

12281	-4	8/22		
12282	-5	8/23		
✓ P/p				
12283	C611A - BK - 22 - 1	8/28		6290
12284	-2	8/26		
12285	-3	8/24		
✓ P/p bk 10/5				
12286	-4	8/25		
12287	-5	8/30		
12288	C611A - BK - 26 - 1	8/30		6294

-2

8/26

12289

pip ✓

bk 10/5

-3

8/30

12290

-4

8/27

12291

-5

8/27

12292

pip ✓

bk 10/5

C611A-BK-27-1

6295

8/24

12293

-2

8/26

12294

-3

8/25

12295

pip

bk 10/5

-4

8/24

12296

12297	-5	8/26		
-------	----	------	--	--

12298	C611A-BK-28-1	8/21	6296	
-------	---------------	------	------	--

✓
P/P

12299	-2	8/21		
-------	----	------	--	--

12300	-3	8/22		
-------	----	------	--	--

✓
P/P

12301	-4	8/24		
-------	----	------	--	--

12302	-5	8/23		
-------	----	------	--	--

✓
★
P/P

12303	C611A-BK-29-1	9/2	6297	
-------	---------------	-----	------	--

12304	-2	9/1		
-------	----	-----	--	--

-3

9/1

12305

✓
P/p

-4

12306

-5

8/30

12307

C611A-BK-30-1

6298

82/585

8/27

12308

✓
P/p

b/c 10/5

-2

8/30

12309

✓
P/p

-3

9/1

12310

-4

9/1

12311

-5

9/2

12312

12313	CG11A-BK-38-1	8/22	6306
-------	---------------	------	------

12314	-2	8/22	
-------	----	------	--

12315	-3	8/22	
-------	----	------	--

12316	-4	8/23	
-------	----	------	--

✓
P/P

12317	-5	8/22	
-------	----	------	--

✓
P/P

12318	CG11A-BK-42-1	8/28	6310
-------	---------------	------	------

✓
P/P
bk 10/5

12319	-2	8/24	
-------	----	------	--

✓
P/P

12320	-3	8/24	
-------	----	------	--

-4

8/26

12321

-5

8/28

12322

HR

LBLE

8/21

12323

b/c 1015

6316

C611A-Bic-48-1

8/27

12324

-2

8/28

12325

-3

8/31

12326

-4

8/31

12327

-5

8/26

12328

8/8

b/c 1015

12329	C611A-BK-49-1	8/27	6317
-------	---------------	------	------

12330	-2	8/27	
-------	----	------	--

✓
p/p ↗
b/c 1015

12331	-3	8/27	
-------	----	------	--

12332	-4	8/30	
-------	----	------	--

12333	-5	8/27	
-------	----	------	--

✓
p/p

12334	C611A-BK-54-1	8/27	6322
-------	---------------	------	------

12335	-2	8/27	
-------	----	------	--

12336	-3	8/27	
-------	----	------	--

-4

8/30

12337

-5

8/25

12338

p/p

b/c 10/5

C611A-BK-60-1

6329

8/23

12339

-2

8/24

12340

-3

8/24

12341

-4

8/23

12342

-5

8/23

12343

p/p

C611A-BK-63-1

6332

8/22

12344

12345

-2

8/22

12346

-3

8/22

✓ P/P

12347

-4

8/22

✓ P/P

bk 10/5

12348

-5

8/23

12349

BLMT

8/31

HR

bk 10/5

12350

C611A-BK-64-1

8/24

6333

✓ P/P



bk 10/5

12351

-2

8/23

12352

-3

8/24

-4

8/23

12353

✓
pip

bk 1015

-5

8/24

12354

C611A-BK-66-1

6335

8/23

12355

✓
pip

bk 1015

-2

8/23

12356

-3

8/24

12357

-4

8/24

12358

-5

8/24

12359

✓
pip

bk 1015

C611A-BK-67-1

6336

8/25

12360

12361	-2	8/25		
✓ pip bx 10/5				

12362	-3	8/26		
-------	----	------	--	--

12363	-4	8/27		
-------	----	------	--	--

12364	-5	8/25		
✓ pip bx 10/5				

12365	C611A-BK-85-1	8/27	6355	
-------	---------------	------	------	--

12366	-2	8/25		
-------	----	------	--	--

12367	-3	8/24		
✓ pip bx 10/5				

12368	-4	8/25		
-------	----	------	--	--

-5

8/26

12369

C611A - BK - 89 - 1

6359

8/24

12370

Pp ✓

-2

8/23

12371

-3

8/24

12372

Pp ✓

-4

8/25

12373

-5

8/23

12374

C611A - BK - 94 - 1

6364

8/17

12375

-2

8/23

12376

12377

-3

8/24

✓
P/P
bk 1015

12378

-4

8/23

✓
P/P

12379

-5

8/23

✓
P/P

12380

RU7603015

8/27

HR

bk 1015

12381

C611A-1-1

8/23

6201

12382

-2

8/24

✓
P/P
bk 1015

12383

-3

8/27

12384

-4

8/18

✓
P/P

-5

8/20

12385

6204

C611A-4-1

8/21

12386

-2

8/19

12387

-3

8/23

12388

P/P ✓

-4

8/22

12389

-5

8/18

12390

P/P ✓

6206

C611A-6-1

8/24

12391

-2

8/24

12392

P/P ✓

12393

-3

8/24

✓
P/P

bk 10/5

12394

-4

8/24

12395

-5

8/24

12396

C611A-9-1

8/21

6209

12397

-2

8/22

12398

-3

8/22

12399

-4

8/22

✓
P/P

12400

-5

8/20

C611A-17-1

6217

8/24

12401

Pip ✓

-2

8/23

12402

-3

8/24

12403

-4

8/27

12404

-5

8/25

12405

Pip ✓

C611A-23-1

6223

8/19

12406

-2

8/18

12407

-3

8/19

12408

Pip ✓

12409	-4	8/21		
12410	-5	8/21		
12411	C611A-25-1	8/30		6226
12412	-2	8/30		
12413	-3	8/29		
12414	-4	8/30		
12415	-5	9/2		
12416	C611A-26-1	8/23		6227

-2

8/22

12417

-3

8/27

12418

-4

8/25

12419

-5

8/24

12420

p/p ✓

CG11A-27-1

6228

8/31

12421

-2

8/31

12422

-3

8/27

12423

p/p ✓

-4

12424

12425

-5

8/30

✓
P/P

12426

LBNT

8/30

HR

bx 10/5

12427

C611A-28-1

8/30

6229

12428

-2

8/24

✓
P/P

12429

-3

8/24

12430

-4

8/30

12431

-5

8/23

12432

C611A-29-1

8/25

6230

-2

8/26

12433

-3

8/26

12434

-4

8/21

12435

p/p ✓

-5

8/24

12436

C611A-30-1

6231

8/21

12437

-2

8/22

12438

p/p ✓

b/c 10/5

-3

8/26

12439

-4

8/24

12440

12441	-5	8/20		
-------	----	------	--	--

✓ P/P

12442	C611A-31-1	8/23	6232	
-------	------------	------	------	--

12443	-2	8/23		
-------	----	------	--	--

✓ P/P
bx 1015

12444	-3	8/21		
-------	----	------	--	--

12445	-4	8/22		
-------	----	------	--	--

12446	-5	8/24		
-------	----	------	--	--

✓ P/P

12447	C611A-35-1	8/22	6236	
-------	------------	------	------	--

12448	-2	8/24		
-------	----	------	--	--

-3

8/20

12449

-4

8/22

12450

p[✓]

-5

8/21

12451

RU 8003043

HR

12452

bk 1015

C611A-36-1

6237

8/21

12453

p[✓]

-2

8/30

12454

-3

8/20

12455

p[✓]

-4

8/22

12456

12457

-5

8/20

12458

CG11A-37-1

8/22

6238

12459

-2

8/24

12460

-3

8/24

✓
p/p
br 1015

12461

-4

8/25

12462

-5

8/23

✓
p/p

12463

CG11A-39-1

8/24

6240

12464

-2

8/23

-3

8/22

12465

-4

8/22

12466

-5

8/23

12467

pip ✓

bk 10/5

6241

C611A-40-1

8/21

12468

pip ✓

-2

8/24

12469

-3

8/26

12470

-4

8/27

12471

-5

8/21

12472

pip ✓

bk 10/5

12473	NWRX	9/1	Br
-------	------	-----	----

bx 10/5

12474	C611A-43-1	8/22	6244
-------	------------	------	------

12475	-2	8/21	
-------	----	------	--

12476	-3	8/22	
-------	----	------	--

✓ P/p

12477	-4	8/22	
-------	----	------	--

✓ P/p
bx 10/5

12478	-5	8/18	
-------	----	------	--

12479	C611A-45-1	8/25	6246
-------	------------	------	------

12480	-2	8/24	
-------	----	------	--

✓ P/p

-3

8/30

12481

-4

8/30

12482

-5

8/24

12483

C611A-46-1

6247

8/23

12484

-2

8/23

12485

-3

8/24

12486

P/p ✓

-4

8/23

12487

P/p ✓

-5

8/24

12488

12489	C611A-49-1	8/18	6251
-------	------------	------	------

✓ P/p
bic 1015

12490	-2	8/17	
-------	----	------	--

✓ P/p

12491	-3	8/19	
-------	----	------	--

✓ P/p

12492	-4	8/18	
-------	----	------	--

✓ P/p

12493	-5	8/18	
-------	----	------	--

✓ P/p

12494	C611A-50-1	8/20	6252
-------	------------	------	------

✓ P/p

12495	-2	8/18	
-------	----	------	--

✓ P/p

12496	-3	8/25	
-------	----	------	--

-4

8/19

12497

-5

8/20

12498

P/P ✓

6254

CG11A-52-1

8/23

12499

P/P ✓

-2

8/26

12500

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

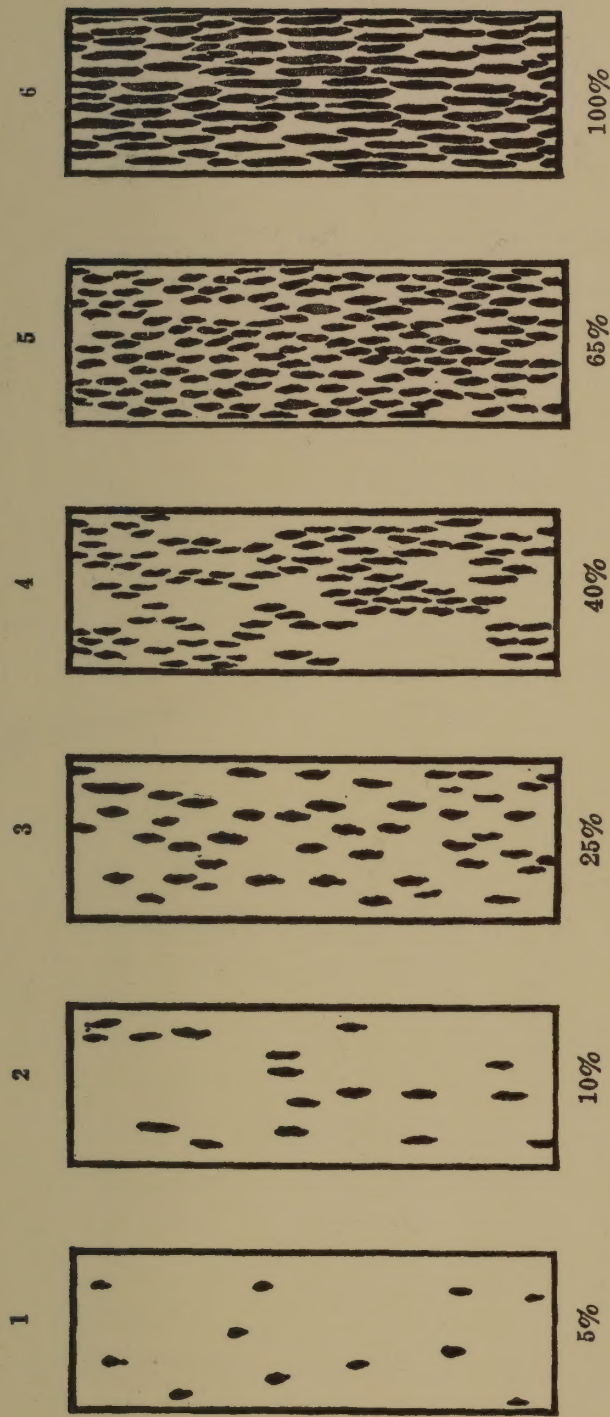
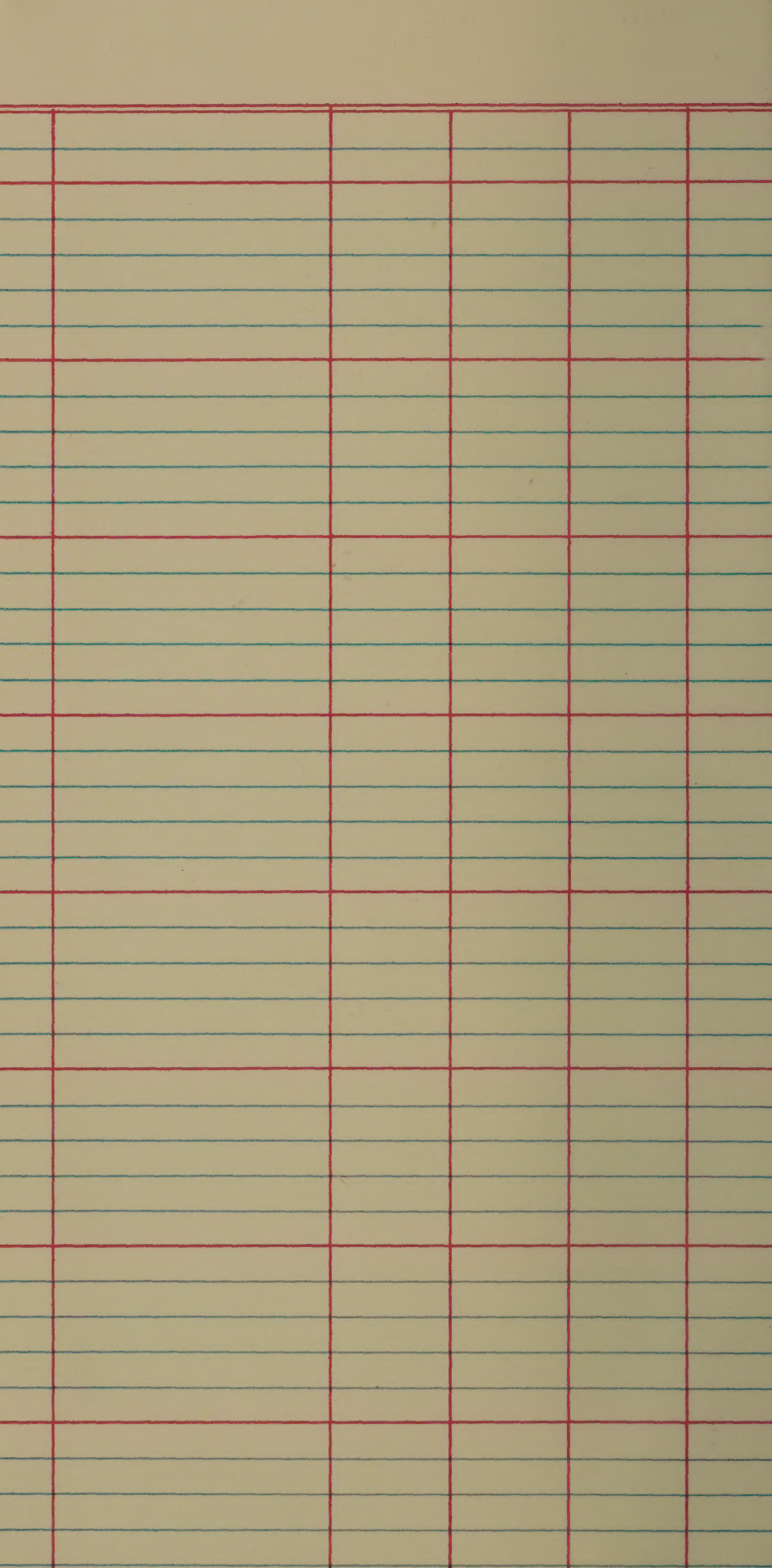
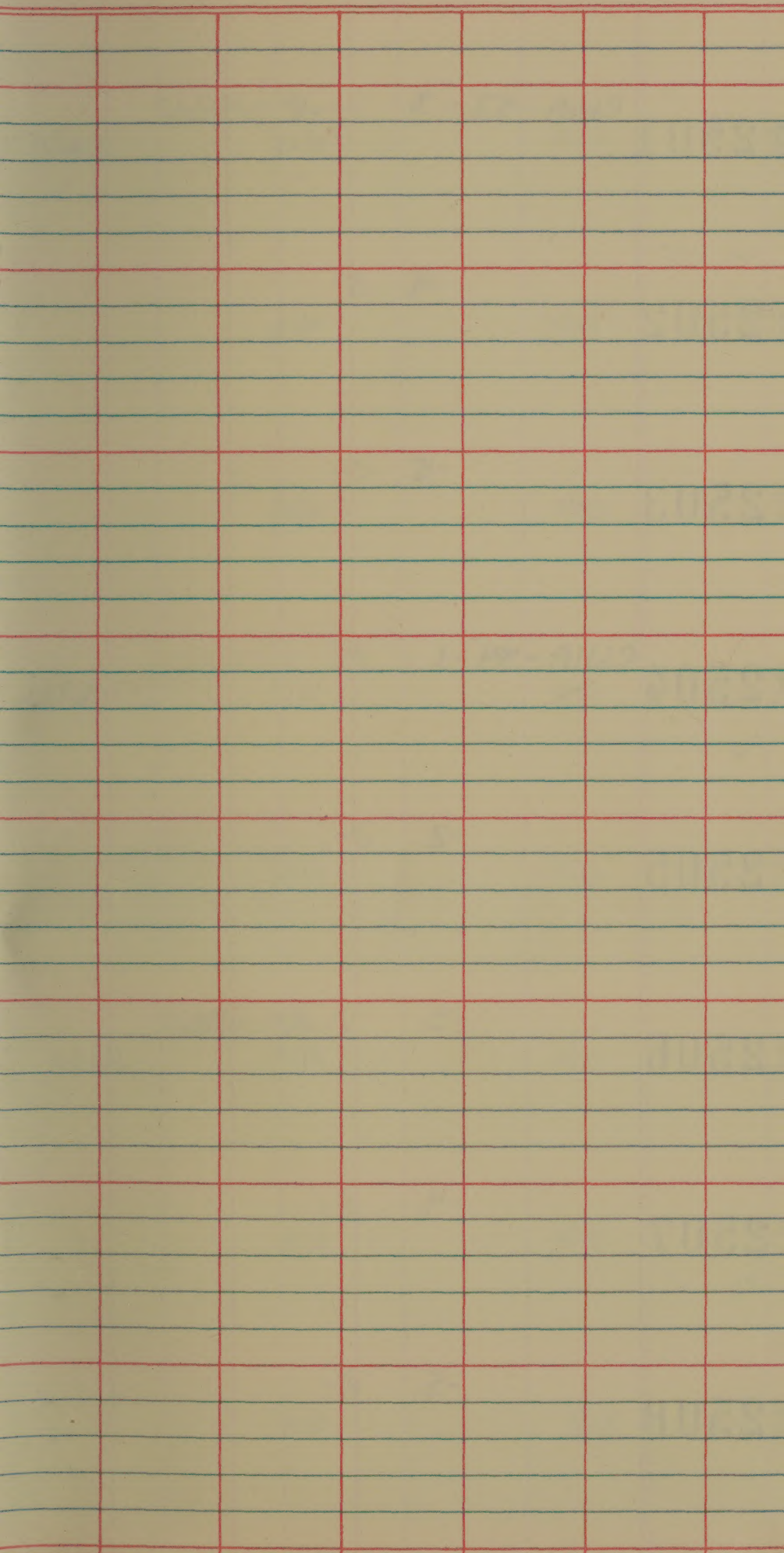


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.





12501	C611A-52-3	8/21	6254
✓ pip bic 10/5	-4		
12502		8/22	
	-5		
12503		8/18	
12504	C611A-54-1	8/17	6256
✓ pip	-2		
12505		8/18	
	-3		
12506		8/14	
	-4		
12507		8/20	
✓ pip	-5		
12508		8/14	

6258	C611A-56-1	8/24	12509
	-2	8/24	12510
	-3	8/25	12511
	-4	8/23	12512
	-5	8/23	12513 p/p ✓
6260	C611A-58-1	8/21	12514 p/p ✓
	-2	8/18	12515 p/p ✓ bx 10/5
	-3	8/18	12516

12517

-4

8/17

12518

-5

8/18

✓ flip

12519

C611A - Bk 3

8/21

6368-84

b/c

12520

8/21

12521

8/21

12522

8/21

12523

8/18

12524

8/20

6368-84
bk

C611A-BK3

8/20

12525

8/24

12526

8/24

12527

8/21

12528

8/24

12529

8/21

12530

7

RUS101007

8/21

12531

bk 1015

C611A-BK4

PR3028-39
bk

8/17

12532

12533	CGIA-BK 4	8/22	PR3028-39
-------	-----------	------	-----------

bk

12534		8/23	
-------	--	------	--

12535		8/23	
-------	--	------	--

12536		8/23	
-------	--	------	--

P/P 10/25

12537		8/23	
-------	--	------	--

12538		8/24	
-------	--	------	--

12539		8/23	
-------	--	------	--

12540		8/24	
-------	--	------	--

PR 3028-39

bx

C611A-BK4

8/22

12541

8/22

12542

8/21

12543

8/22

12544

PR 10/25

8/23

12545

8/23

12546

8/23

12547

8/21

12548

12549	С611А - Бк4	8/22	PR3028-39	bx
-------	-------------	------	-----------	----

12550		8/20		
-------	--	------	--	--

12551		8/22		
-------	--	------	--	--

12552	p/p 10/25	8/20		
-------	-----------	------	--	--

12553		8/22		
-------	--	------	--	--

12554		8/22		
-------	--	------	--	--

12555		8/23		
-------	--	------	--	--

12556		8/20		
-------	--	------	--	--

PR 3028-39 bk	C611A - Bk4	8/23	12557
	PR	8/23	12558
		8/23	12559
border	DAWN	8/30	12560
		bk 10/5	
6072	C622A - Bk-3-1	8/18	12561
7603015/L201		rip ✓ bk 10/5	
	-2	8/18	12562
	-3	8/24	12563
	-4	8/22	12564
		rip ✓	

12565	-5	8/23		
12566	C622A-BK-4-1	8/24		6073
12567	-2	8/28		
12568	-3	8/29		
12569	-4	8/27		
12570	-5	8/22		
12571	C622A-BK-5-1	8/20		6074
✓ P/P bx 10/5				
12572	-2	8/22		

-3

8/22

12573

-4

8/22

12574

-5

8/22

12575

p/p

bx 1015

C622A-BK-6-1

6075

8/27

12576

-2

8/27

12577

-3

8/27

12578

-4

8/24

12579

-5

8/25

12580

p/p

12581	C622A-BK-7-1	8/16	6076	
12582	-2	8/16		
12583	-3	8/16		
12584	-4	8/16		
12585	-5	8/18		
12586	C622A-BK-8-1	8/22	6077	
12587	-2	8/23		
12588	-3	8/23		

-4

8/22

12589

P/p ✓

-5

8/26

12590

C622A-BK-12-1

6081

8/22

12591

P/p ✓

-2

8/24

12592

-3

8/17

12593

-4

8/21

12594

-5

8/18

12595

P/p ✓

bx 10/5

C622A-BK-16-1

6085

8/19

12596

P/p ✓

12597

-2

8/22

12598

-3

8/19

✓ ☆ P/P

bk 10/5

12599

-4

8/22

12600

-5

8/19

✓ P/P

12601

C622A-BK-17-1

8/29

6086

✓ ☆ P/P

82/568

12602

-2

8/30

12603

-3

8/27

good name

12604

-4

8/27

-5

8/29

12605

C622A-BK-18-1

6087

8/18

12606

-2

8/19

12607

-3

8/19

12608

P/P

bck 10/5

-4

8/21

12609

-5

8/22

12610

C622A-BK-19-1

6088

82/569

12611

IG-1(3)

-2

9/1

12612

12613	-3	8/30	
12614	-4	8/30	
12615	-5	8/29	
✓ P/p bk 1015	C622A-BK-21-1		
12616		8/29	6090
12617	-2	8/30	
12618	-3	9/2	
12619	-4	8/30	
12620	-5	8/26	
✓ P/r			

C622A-Bk-22-1

6091

8/19

12621

-2

8/17

12622

-3

8/17

12623

pip ✓

-4

8/18

12624

pip ✓

-5

8/18

12625

RU7901045

45

8/30

12626

bk 10/5

C622A-Bk-33-1

6102

8/17

12627

-2

8/16

12628

12629

-3

8/18

✓
★ P/P
b/c 10/5

12630

-4

8/18

12631

-5

8/18

✓
P/P
b/c 10/5

12632

C622A-BK-34-1

8/19

6103

12633

-2

8/21

✓
P/P

12634

-3

8/19

✓
P/P

12635

-4

8/21

12636

-5

8/22

6111	C622A-BK-42-1	8/26	12637
------	---------------	------	-------

	-2	8/27	12638
--	----	------	-------

	-3	8/27	12639
--	----	------	-------

	-4	8/25	12640
--	----	------	-------

	-5	8/25	12641
--	----	------	-------

p/p ✓

6112	C622A-BK-43-1	8/23	12642
------	---------------	------	-------

	-2	8/20	12643
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	-3	8/19	12644
--	----	------	-------

p/p ✓

12645

-4

8/19

✓ PIP

bk 10/5

12646

-5

8/21

12647

C622A-BK-45-1

8/18

6/14

12648

-2

8/19

12649

-3

8/19

✓ PIP

12650

-4

8/18

12651

-5

8/20

✓ PIP

12652

R08003005

8/27

5

6115	C622A-BK-46-1	9/2	12653
------	---------------	-----	-------

	-2	9/1	12654
--	----	-----	-------

	-3	8/31	12655
--	----	------	-------

	-4	9/2	12656
--	----	-----	-------

	-5	8/31	12657
--	----	------	-------

6118	C622A-BK-49-1	8/23	12658
IG-1 (2)	82/570		

	-2	8/23	12659
--	----	------	-------

PR ✓
BK 1015

	-3	8/24	12660
--	----	------	-------

12661

-4

8/23

12662

-5

8/23

12663

C622A-BK-50-1

8/24

6/19

12664

-2

8/24

12665

-3

8/23

12666

-4

8/23

✓
P/R
BK 10/5
12667

-5

8/23

12668

C622A-BK-52-1

9/1

6/21

-2

8/27

12669

-3

8/29

12670

-4

8/27

12671

-5

8/27

12672

P/P ✓

C622A-BK-57-1

6/27

8/23

12673

-2

8/24

12674

-3

8/23

12675

P/P ✓

-4

8/23

12676

12677	-5	8/23		
12678	BBLE	8/29	2544	
	bx 10/5			
12679	C622A-BK-58-1	8/29	6128	
	82/571		IG-1 (2)	
12680	-2	8/29		
	✓ PR bx 10/5			
12681	-3	8/29		
12682	-4	8/30		
12683	-5	8/30		
12684	C622A-BK-60-1	8/24	6/30	
	82/573		IG-1 (3)	

-2

8/23

12685

-3

8/23

12686

✓

p/p

br 10/5

-4

8/24

12687

-5

8/23

12688

C622A-Bk-63-1

6133

8/22

12689

-2

8/22

12690

✓

p/p

br 10/5

-3

8/20

12691

-4

8/21

12692

p/p

✓

12693

-5

8/23

12694

C622A-BK-66-1

8/25

6136

✓
P/P

bK 1015

12695

-2

8/24

12696

-3

8/27

Boyle Aug 25

12697

-4

8/24

12698

-5

8/24

12699

C622A-BK-71-1

8/24

6141

✓
P/P

bK 1015

12700

-2

8/26

-3

8/29

12701

-4

8/29

12702

-5

8/29

12703

C622A-BK-72-1

6142

8/20

12704

P/P ✓

-2

8/21

12705

-3

8/21

12706

-4

8/18

12707

-5

8/18

12708

P/P ✓

12709	C622A-BK-75-1		6145
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12710	-2 9/1		
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12711	-3 9/2		
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12712	-4 9/2		
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12713	-5 9/2		
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12714	C622A-BK-76-1 8/31	6146
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12715	-2 8/30		
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12716	-3 8/30		
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-4

8/30

12717

-5

8/29

12718

C622A-BK-82-1

6152

82/574

8/31

12719

IG-1 (1)

p/p

bx 10/5

-2

9/1

12720

-3

9/1

12721

-4

12722

-5

12723

BN73

161

12724

X

C622A-Bk-84-1

12725

8/27

6154

-2

12726

8/30

-3

12727

8/26

✓
P/p

-4

12728

8/30

-5

12729

8/30

C622A-Bk-87-1

12730

8/18

6157

✓
P/p

bk 10/5

-2

12731

8/21

-3

12732

8/22

-4

8/20

12733

-5

8/29

12734

C622A-Bk-88-1

6158

82/575

8/22

12735

IG-1(6)

bk 1015

-2

8/24

12736

-3

8/24

12737

-4

8/24

12738

-5

8/25

12739

C622A-Bk-89-1

6159

8/19

12740

12741	-2	8/18	
✓ p/p			
12742	-3	8/18	
12743	-4	8/24	
12744	-5	8/17	
12745	L-201	8/18	Biggs
bic 10/5			
12746	C622A-5-1	8/18	6005
12747	-2	8/17	
12748	-3	8/18	

-4

8/18

12749

bx 1015
P/P

-5

8/18

12750

C622A-6-1

6006

8/21

12751

-2

8/22

12752

P/P

bx 1015

-3

8/17

12753

-4

8/17

12754

P/P

-5

8/21

12755

C622A-7-1

6007

8/24

12756

12757

-2

8/23

✓
P/P
bk 10/5

12758

-3

8/25

12759

-4

8/24

12760

-5

8/23

12761

C622A-10-1

8/20

6010

12762

-2

8/22

✓
P/P

12763

-3

8/18

12764

-4

8/19

-5

8/17

12765

C622A-12-1

6012

8/24

12766

-2

8/19

12767

-3

8/23

12768

✓
8/18

-4

8/25

12769

-5

8/18

12770

C622A-13-1

6013

8/18

12771

-2

8/18

12772

12773

-3

8/18

✓ P/P

bic 10/5

12774

-4

8/21

12775

-5

8/22

✓ P/P

12776

RUT603015

8/30

HR

bic 10/5

12777

C622A-14-1

8/19

6014

✓ ☆

P/P bic 10/5

12778

-2

8/19

12779

-3

8/19

12780

-4

8/22

-5

8/22

12781

C622A-16-1

6016

8/18

12782

-2

8/18

12783

-3

8/23

12784

-4

8/17

12785

-5

8/20

12786

8/18 ✓

C622A-26-1

6027

8/23

12787

-2

8/29

12788

12789

-3

8/23

✓ P/P

12790

-4

8/25

12791

-5

8/27

12792

C622A-27-1

8/30

6028

12793

-2

8/24

12794

-3

8/19

✓ P/P

12795

-4

8/18

✓ P/P
bk 10/5

12796

-5

8/30

6033

C622A-32-1

8/29

12797 ✓

P/8

-2

8/26

12798

-3

8/30

12799

-4

8/30

12800

6035

C622A-34-1

8/29

12801

P/P ✓

-2

8/28

12802

-3

8/27

12803

-4

8/31

12804

12805	-5	8/30		
12806	C622A-37-1	8/19		6038
12807	-2	8/18		
12808	-3	8/21		
✓ P/P				
12809	-4	8/18		
✓ P/P				
12810	-5	8/24		
12811	C622A-38-1	8/18		6039
12812	-2	8/18		
✓ P/P				

-3

8/17

12813

-4

8/19

12814

-5

8/16

12815

C622A-39-1

6040

8/24

12816

-2

8/25

12817

P/P

-3

8/23

12818

-4

8/23

12819

-5

8/21

12820

P/P

12821	C622A-42-1	8/24	6043
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12822	-2	8/21	
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12823	-3	8/21	
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✓
Pip
bk 10/5

12824	-4	8/20	
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✓
Pip

12825	-5	8/17	
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12826	STBN		68
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bk 10/5

12827	C622A-43-1	8/23	6044
-------	------------	------	------

12828	-2	8/18	
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-3

8/26

12829

-4

8/27

12830 ✓

P/P

-5

8/17

12831 ✓

P/P

C622A-46-1

6047

8/17

12832

-2

8/25

12833

-3

8/24

12834

P/P ✓

-4

8/18

12835

P/P ✓

bk 1015

-5

8/17

12836

12837	C622A-47-1	8/17	6048
-------	------------	------	------

✓ P18

12838	-2	8/18	
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12839	-3	8/18	
-------	----	------	--

12840	-4	8/22	
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12841	-5	8/21	
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✓ P18

12842	C622A-48-1	8/18	6049
-------	------------	------	------

12843	-2	8/18	
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12844	-3	8/18	
-------	----	------	--

-4

8/21

12845

8/21 ✓

-5

8/23

12846

C622A-51-1

6053

8/24

12847

-2

8/26

12848

8/26 ✓

-3

8/25

12849

-4

8/25

12850

-5

8/23

12851

Bellevue

361

12852

12853	C622A-52-1	8/19	6054	
12854	-2	8/20		
12855	-3	8/21		
12856	-4	8/18		
✓ P/P				
12857	-5	8/22		
12858	C622A-55-1	8/20	6057	
12859	-2	8/22		
12860	-3	8/23		
✓ P/P				

-4

9/1

12861

-5

8/24

12862

✓
P/P

bk 10/5

C622A-56-1

6058

8/23

12863

-2

8/27

12864

-3

8/22

12865

-4

8/17

12866

-5

8/19

12867

✓
P/P

C622A-58-1

6060

8/28

12868

12869

-2

8/25

12870

-3

8/23

12871

-4

8/18

12872

-5

8/20

✓
p/p
12873

C622A-62-1

8/18

6064

✓
p/p
bk 1015
12874

-2

8/15

12875

-3

8/18

✓
p/p
12876

-4

8/24

		-5	8/18	12877
6065	C622A-63-1		8/17	12878
		-2	8/18	12879
		-3	8/17	12880 P/P ✓
		-4	8/23	12881
		-5	8/19	12882
HR	LBLE		8/21	12883 bk 10/5
6161-80 bk	C622A-Bk3		8/19	12884

12885	C622A - Bk3	8/20	6/61-80 bk
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12886		8/18	
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12887		8/18	
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12888	P/P 10/25	8/17	
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12889		8/18	
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12890		8/19	
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12891		8/19	
-------	--	------	--

12892		8/18	
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C622A-BK₃

6161-80

bk

8/18

12893

8/17

12894

8/17

12895

8/17

12896

8/18

12897

8/18

12898

8/18

12899

8/19

12900

P/A 10/25

12901	C626A-3-1			3553
	7603015/7701074			
12902	-2	9/3		
12903	-3	8/28		
12904	-4	9/3		
12905	-5	8/29		
✓ P/P				
12906	C626A-4-1	8/30		3554
12907	-2	9/2		
12908	-3	8/29		

-4

9/1

12909

P/P ✓

-5

9/2

12910

3557

C626A-7-1

8/26

12911

P/P ✓

bk 10/5

-2

8/25

12912

-3

8/27

12913

-4

8/27

12914

-5

8/31

12915

3558

C626A-8-1

8/23

12916

P/P ✓

12917	-2	8/24	
12918	-3	8/25	
12919	-4	8/24	
12920	-5	8/24	
12921	C626A-14-1	8/27	3564
12922	-2	8/31	
12923	-3	8/31	
12924	-4	8/29	

-5

8/26

12925

pip ✓
bx 1015

RUT701074

2570

8/31

12926

No stand!

X

C626A-15-1

3565

8/27

12927

-2

8/25

12928

-3

8/24

12929

-4

8/20

12930

-5

8/22

12931

pip ✓
bx 1015

C626A-19-1

3569

8/24

12932

pip ✓

12933	-2	8/30		
-------	----	------	--	--

12934	-3	8/25		
-------	----	------	--	--

12935	-4	8/28		
-------	----	------	--	--

12936	-5	8/26		
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12937	C626A-22-1	8/27	3572	
✓ PIP				
bx 10/5				

12938	-2	8/26		
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12939	-3	8/26		
✓ PR				

12940	-4	8/25		
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-5

8/25

12941

C626A-29-1

3580

8/25

12942

-2

8/27

12943

-3

8/24

12944

P/R ✓

-4

9/1

12945

-5

8/24

12946

C626A-30-1

3581

8/27

12947

-2

8/23

12948

12949

-3

8/23

✓
PIP

bx 10/5

12950

-4

8/24

12951

-5

8/24

12952

RV8003005

8/24

5

bx 10/5

12953

C626A-33-1

8/27

3584

12954

-2

8/26

12955

-3

8/25

✓

PIP

bx 10/5

12956

-4

8/25

-5

8/27

12957

CG26A-34-1

3585

8/30

12958

-2

8/28

12959

pip

-3

8/23

12960

-4

8/24

12961

-5

8/31

12962

CG26A-36-1

3587

8/28

12963

-2

8/24

12964

12965	-3	8/24		
✓ p/p				
12966	-4	8/25		
12967	-5	8/24		
12968	C626A-37-1	8/26		3588
✓ p/p bx 1015				
12969	-2	8/30		
12970	-3	8/30		
12971	-4	8/27		
12972	-5	8/27		

HR	LBNT				12973	X
3591	C626A-40-1	-2	8/29		12974	
		-3	8/31		12975	1/p ✓
		-4	8/30		12976	
		-5	8/30		12977	
			8/30		12978	
3594	C626A-43-1	-2	9/3		12979	
		-2	8/29		12980	1/p ✓

12981	-3	8/24		
12982	-4	8/25		
12983	-5	8/27		
12984	C626A-45-1	9/1		3596
12985	-2	8/31		
12986	-3	8/29		
12987	-4	8/26		
12988	-5	8/28		
✓ PR				

3601	C626A-50-1	7/30	12989
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9/9

✓

-2

8/22

12990

-3

8/22

12991

-4

8/26

12992

-5

8/26

12993

3604	C626A-53-1	8/22	12994
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-2

8/23

12995

-3

8/23

12996

P/P

bx 1015

		-4		
12997			8/21	
		-5		
12998			8/23	
12999	C626A-55-1		8/26	3606
		-2		
13000			8/27	
		-3		
13001			8/31	
		-4		
13002			8/26	
		-5		
13003			8/24	
✓ PR bx 1015				
13004	C626A-56-1		8/25	3607

-2

8/24

13005

-3

8/24

13006

p.p. ✓
bnc 1015

-4

8/25

13007

-5

8/24

13008

C626A-59-1

3610

8/29

13009

-2

9/1

13010

-3

8/30

13011

-4

8/31

13012

13013	-5	8/31	
13014	C626A-61-1	8/28	3612
13015	-2	9/1	
13016	-3	8/25	
✓ P/P			
13017	-4	8/27	
13018	-5	8/28	
13019	RU8003043		HR
13020	C626A-BK-1	8/27	3616-40
✓ P/P			

3616-40	C626A-BK-2	8/26	13021
	-3	9/1	13022
	-4	9/3	13023
	-5	8/27	13024
	-6	8/28	13025
	-7	8/25	13026
	-8	8/31	13027
	-9	8/31	13028

13029	C626A - Bk -10	8/31	3616-40
-------	----------------	------	---------

✓ P/P
Bk 10/5

13030	-11	8/30	
-------	-----	------	--

13031	-12	8/26	
-------	-----	------	--

13032	-13	8/23	
-------	-----	------	--

✓ P/P
Bk 10/5

13033	-14	8/24	
-------	-----	------	--

13034	-15	8/25	
-------	-----	------	--

13035	-16	8/28	
-------	-----	------	--

13036	-17	8/23	
-------	-----	------	--

CG26A - Bk - 18

3616-40

8/26

13037

-19

8/30

13038

Pip ✓

-20

8/24

13039

-21

8/29

13040

-22

8/27

13041

-23

8/26

13042

-24

8/26

13043

Pip ✓

bk 1015

-25

8/26

13044

13045	C626A - Bk - 26	8/25		3616-40
✓ pip				
13046	-27	8/27		
13047	-28	8/24		
13048	-29	8/23		
✓ pip				
13049	-30	8/24		
✓ pip ☆				
br 1015				
13050	NWRX			Br
br 1015				
13051	C626A - Bk - 31	7/3		3616-40
13052	-32	8/24		
✓ pip ☆				
br 1015				

C626A-BK-33

3616-40

8/24

13053

-34

8/31

13054

-35

8/24

13055

-36

8/24

13056

-37

8/25

13057

pip ✓

-38

8/24

13058

pip ✓

bk 10/5

-39

13059

-40

8/24

13060

pip ✓

13061	C626A-Bk-41	8/26	3616-40
-------	-------------	------	---------

13062	-42	8/30
-------	-----	------

13063	-43	8/28
-------	-----	------

13064	-44
-------	-----

13065	-45	8/24
-------	-----	------

13066	-46	8/21
-------	-----	------

✓ p/p

13067	-47	8/27
-------	-----	------

13068	-48	8/26
-------	-----	------

C626A - Bk - 49

3616-40

8/23

13069

p/p ✓

-50

8/26

13070

-51

8/24

13071

p/p ✓

-52

9/1

13072

-53

8/24

13073

-54

8/26

13074

CP231

2151-60

9/2

13075

b/c 1015

C626A - Bk - 55

3616-40

8/22

13076

13077

C626A-BK-56

8/24

3616-40

✓ P/P

BK ?

13078

-57

8/24

13079

-58

8/22

✓

P/P

BK 1015

13080

-59

8/25

✓

P/P

BK 1015

13081

-60

8/25

13082

-61

8/26

✓

P/P

BK 1015

13083

-62

8/28

13084

-63

8/27

✓

P/P

3616-40	C626A-BK-64	8/24	13085	✓ P/p
	-65	8/27	13086	
	-66	8/26	13087	✓ P/p
	-67	8/25	13088	
	-68	8/28	13089	
	-69	8/25	13090	✓ P/p
	-70	8/27	13091	
	-71	8/26	13092	

13093	C626A-Bx-72	8/30	3616-40
-------	-------------	------	---------

13094	-73	8/24	
-------	-----	------	--

13095	-74	8/25	
-------	-----	------	--

✓ P/P

13096	-75	8/25	
-------	-----	------	--

✓ P/P
bx 10/5

13097	-76	8/24	
-------	-----	------	--

13098	-77	8/25	
-------	-----	------	--

13099	-78	8/28	
-------	-----	------	--

13100	-79	8/28	
-------	-----	------	--

C626A-BK-80

3616-40

8/27

13101

P/P

BK 10/5

-81

8/25

13102

P/P

-82

8/24

13103

P/P

BK 10/5

-83

8/24

13104

-84

8/26

13105

P/P

-85

8/24

13106

-86

8/24

13107

-87

8/18

13108

P/P

13109	C626A - Bx - 88	8/24		3616-40	
	-89				
13110		8/24			
✓ P/P					
	-90				
13111		8/25			
	-91				
13112		8/25			
	-92				
13113		8/27			
	-93				
13114		8/23			
	-94				
13115		8/24			
✓ P/P					
	-95				
13116		8/21			

C626A - Bk - 96

3616-40

8/24

13117

P/p ✓

bk 1015

-97

8/25

13118

-98

8/28

13119

-99

8/27

13120

P/p ✓

-100

8/24

13121

P/p ✓

-101

9/2

13122

Brazil R516

PR3492-95

8/23

13123

bk 1015

C626A - Bk₂

3616-40

8/23

13124

bk

13125	C626A - Bk 2	8/23	3616-40 bnc
-------	--------------	------	----------------

13126		8/25	
-------	--	------	--

13127		8/22	
-------	--	------	--

13128	P/P 10/25	8/24	
-------	-----------	------	--

13129		8/23	
-------	--	------	--

13130		8/24	
-------	--	------	--

13131		8/28	
-------	--	------	--

13132		8/24	
-------	--	------	--

C626A-Bk₂

3646-40

8/21

13133

8/26

13134

8/23

13135

8/26

13136

8/24

13137

8/23

13138

8/23

13139

8/21

13140

13141

C626A-BK₂

8/22

3616-40
bk

13142

8/23

13143

8/24

13144

P/P 10/25

8/23

13145

8/23

13146

8/23

13147

8/23

13148

8/23

All BT810A lines earlier looked excellent
and are rel. uniform.

41

C626A - Bk₂

3616-40
bic

8/23

13149

8/24

13150

RU7502076

2568

8/24

13151

St. hd. symptoms!

BT810A1 - BK - 1-1

7092

8/31

13152

LBNT//988/33/58/3/7502076

-2

8/25

13153

-3

8/25

13154

-4

8/26

13155

-5

8/24

13156

PTP ✓

13157

BT810A1-BK-3-1

8/25

7094

13158

-2

8/25

✓
p/p

13159

-3

8/26

13160

-4

8/28

13161

-5

8/27

13162

BT810A1-BK-6-1

8/26

7097

13163

-2

8/26

13164

-3

8/25

✓ p/p

-4

8/25

13165

-5

8/27

13166

BT810A1-BK-9-1

7100

8/26

13167

P/P ✓

bk 1015

-2

8/27

13168

-3

8/26

13169

P/P ✓

-4

8/27

13170

P/P ✓

bk 1015

-5

8/25

13171

BT810A1-BK-14-1

7105

8/27

13172

P/P ✓

bk 1015

13173

-2

8/24

✓

8/18

13174

-3

9/1

13175

-4

8/25

✓ 8/18

bic 10/5

13176

-5

9/1

13177

LEAH

8/26

26

bic 10/5

13178

B7810A1-BK-18-1

8/25

7109

13179

-2

8/25

13180

-3

8/25

-4

8/25

13181

-5

8/25

13182

p/p ✓

7110

B7810A1 - BK - 19 - 1

9/1

13183

-2

9/1

13184

-3

8/31

13185

p/p ✓

-4

8/31

13186

-5

8/31

13187

p/p ✓
b7c 10/5

7112

B7810A1 - BK - 21 - 1

9/2

13188

13189

-2

9/2

13190

-3

9/3

13191

-4

9/1

✓
pip

13192

-5

9/3

✓
pip
bic 10/5

later last shell
tall shell

13193

B7810A1-BK-25-1

8/25

7116

13194

-2

8/26

13195

-3

8/26

13196

-4

8/27

✓
pip

-5

8/30

13197

B7810A1 - Bk-31-1

7/27

9/2

13198

p/p ✓

-2

9/1

13199

-3

9/1

13200

-4

8/27

13201

-5

9/2

13202

B7810A1 - Bk-35-1

7/27

8/30

13203

-2

8/27

13204

13205

-3

8/23

✓

Plp

13206

-4

8/27

13207

-5

8/26

13208

B7810A1-Bx-39-1

8/27

7131

13209

-2

8/31

✓ Plp ☆

bxc 1015

13210

-3

9/1

13211

-4

8/31

13212

-5

8/31

7134	B7810A1 - Bx - 42 - 1	8/30	13213
	-2	8/27	13214
	-3	8/28	13215
	-4	8/26	13216
	-5	8/27	13217
7137	B7810A1 - Bx - 45 - 1	8/27	13218
	-2	8/27	13219
	-3	8/27	13220

✓
fip

13221

-4

8/31

✓ pip

13222

-5

9/1

13223

RU8003043

9/2

HR

bx 1015

13224

B7810A1-BK-46-1

8/30

7138

13225

-2

9/1

13226

-3

8/31

13227

-4

9/2

✓ r/p

13228

-5

8/30

B7810A1 - Bk - 49 - 1

7141

9/1

13229

-2

9/2

13230

-3

8/31

13231

✓
PIP

-4

9/1

13232

-5

9/1

13233

✓
PIP

B7810A1 - Bk - 52 - 1

7144

8/28

13234

-2

8/25

13235

-3

8/28

13236

13237

-4

8/26

13238

-5

8/31

13239

BT810A1-Bx-53-1

8/30

7145

13240

-2

8/30

13241

-3

8/30

13242

-4

8/26

13243

-5

8/31

13244

BT810A1-Bx-56-1

8/26

7148

-2

8/25

13245

-3

8/27

13246

-4

8/30

13247

✓
p/p

-5

8/26

13248

LBNT

28

8/24

13249

B7810A1-BK-57-1

7149

8/22

13250

bk 10/5

-2

8/25

13251

-3

8/25

13252

p/p

✓

13253

-4

8/26

13254

-5

8/23

13255

BT810A1-BK-61-1

8/31

7154

13256

-2

8/31

13257

-3

9/1

13258

-4

8/31

✓ P/p for

bk 10/5

13259

-5

9/1

✓ P/p

13260

BT810A1-BK-64-1

8/31

7157

-2

8/27

13261

✓
P/P

-3

9/1

13262

-4

9/1

13263

-5

8/31

13264

7158

B7810A1-BK-65-1

8/25

13265

-2

8/26

13266

-3

8/25

13267

✓
P/P

-4

8/23

13268

13269

-5

8/24

13270

B7810A1 - Bk - 67 - 1

8/26

7160

13271

-2

8/28

✓ pip

bx 10/5

13272

-3

8/26

✓

pip

13273

-4

8/25

13274

-5

8/25

13275

L-201

8/17

Biggs

bx 10/5

13276

B7810A1 - Bk - 68 - 1

8/25

7161

-2

8/25

13277

-3

8/25

13278

-4

8/25

13279

P/P ✓

-5

8/25

13280

P/P ✓

B7810A1-Bk-13-1

7166

8/25

13281

-2

8/26

13282

P/P ✓

bx 10/5

-3

8/25

13283

-4

8/26

13284

P/P ✓

bx 10/5

13285

-5

✓
p/p

13286

B7810A1-BK-76-1

9/1

7169

13287

-2

9/1

13288

-3

9/1

13289

-4

9/2

✓
p/p

13290

-5

9/1

13291

B7810A1-BK-78-1

9/1

7171

13292

-2

9/1

✓ p/p

-3

9/1

13293

-4

9/1

13294

-5

9/1

13295

B7810A1 - BK - 79 - 1

7172

8/31

13296

-2

8/31

13297

-3

8/31

13298

✓
P/18

-4

8/26

13299

-5

8/28

13300

13301	B7810A1- Bk-81-1	8/30	7174
-------	------------------	------	------

13302	-2	8/30	
-------	----	------	--

13303	-3	8/27	
-------	----	------	--

13304	-4	8/31	
-------	----	------	--

13305	-5	8/31	
-------	----	------	--

✓ pip

13306	B7810A1- Bk-84-1	8/31	7178
-------	------------------	------	------

13307	-2	8/27	
-------	----	------	--

✓ pip

13308	-3	8/30	
-------	----	------	--

bx 105

-4

8/30

13309

P/P ✓

-5

8/26

13310

P/P ✓

7180

B7810A1-BK-86-1

8/31

13311

P/P ✓

shut out

BK 1015

-2

8/31

13312

-3

8/30

13313

P/P ✓

-4

9/2

13314

-5

8/27

13315

7181

B7810A1-BK-87-1

13316

13317

-2

9/1

13318

-3

8/30

13319

-4

8/27

13320

-5

8/27

13321

BT810A1 - BK - 90 - 1

9/2

7184

13322

-2

9/1

✓

PIP

bk 10/5

13323

-3

9/2

13324

-4

9/2

✓

PIP

-5

9/2

13325

CI 9902

2563

13326

OK 10/5

BT810A1-BK-91-1

7185

9/2

13327

-2

9/1

13328

P/P

-3

8/31

13329

-4

8/29

13330

-5

8/29

13331

BT810A1-BK-93-1

7187

9/1

13332

13333

-2

9/1

13334

-3

9/1

✓
PIP

13335

-4

8/31

13336

-5

9/1

✓
PIP

13337

B7810A1-BK-95-1

8/27

1189

✓
PIP

13338

-2

8/27

13339

-3

8/31

✓
PIP

BK 1015

13340

-4

8/28

✓
PIP

-5

8/28

13341

BT810A1-Bk-100-1

7194

2/23

13342

-2

8/27

13343

-3

8/28

13344

P/P ✓

-4

9/1

13345

-5

8/28

13346

P/P ✓

bck 10/5

BT810A1-Bk-102-1

7196

8/21

13347

-2

8/31

13348

P/P ✓

13349

-3

8/31

✓
pip

13350

-4

8/31

13351

-5

8/31

✓
pip

13352

Cal. 12/3764

8/26

2515

bic 1015

13353

B7810A1-Bk-103-1

8/24

7197

✓
pip

13354

-2

8/25

13355

-3

8/26

✓
pip

13356

-4

8/25

-5

8/28

13357

BT810A1-Bk-105-1

7199

8/29

13358

-2

8/27

13359

-3

8/27

13360

-4

8/30

13361

-5

8/30

13362

P/1

✓

BT810A1-Bk-109-1

7203

9/1

13363

-2

9/2

13364

13365

-3

9/2

✓ P/p

13366

-4

8/29

✓ P/p

bk 10/5

13367

-5

8/29

13368

BT810A1-Bk-112-1

8/24

7206

13369

-2

8/24

✓ P/p
bk 10/11

13370

-3

8/24

✓ P/p

13371

-4

8/24

13372

-5

8/25

7209	BT810A1-BK-115-1	8/28	13373
	-2	9/3	13374
	-3	8/26	13375 P/P ✓
	-4	8/30	13376
	-5	9/1	13377
7	RU8101007	8/22	13378 bk 10/11
7212	BT810A1-BK-118-1	8/26	13379
	-2	8/26	13380

13381

-3

8/27

✓ PIP

13382

-4

8/27

13383

-5

8/27

13384

BT810A1-BK-120-1

8/27

1214

13385

-2

8/25

13386

-3

8/24

✓ PIP

13387

-4

8/27

13388

-5

8/24

BT810A1-BK-124-1

7218

8/25

13389

-2

8/27

13390

-3

8/25

13391

P/P ✓

BK 10/11

-4

8/25

13392

P/P ✓

-5

8/24

13393

BT810A1-BK-128-1

7222

8/27

13394

-2

8/25

13395

P/P ✓

BK 10/11

-3

8/27

13396

Seeded 5/28/82

		-4		
13397		8/31		
		-5		
13398		8/27		
	RU7603091			
13399		8/30		2567
	Della			
13400		8/29		2549
	bk 10/11			
	BT810A1-Bk-130-1			
13401		8/30		1224
	✓ P/P			
		-2		
13402		8/31		
		-3		
13403		8/30		
		-4		
13404		8/31		

-5

9/2

13405

BT810A1-BK-131-1

7225

8/28

13406

-2

8/28

13407

P/p ✓

b/c 10/11

-3

8/26

13408

-4

8/28

13409

P/p ✓

-5

8/27

13410

P/p ✓

BT810A1-BK-132-1

7226

8/27

13411

P/p ✓

-2

8/31

13412

13413

-3

8/30

13414

-4

8/27

13415

-5

8/27

13416

B7810A1-BK-135-1

8/25

1229

13417

-2

8/24

13418

-3

8/25

13419

-4

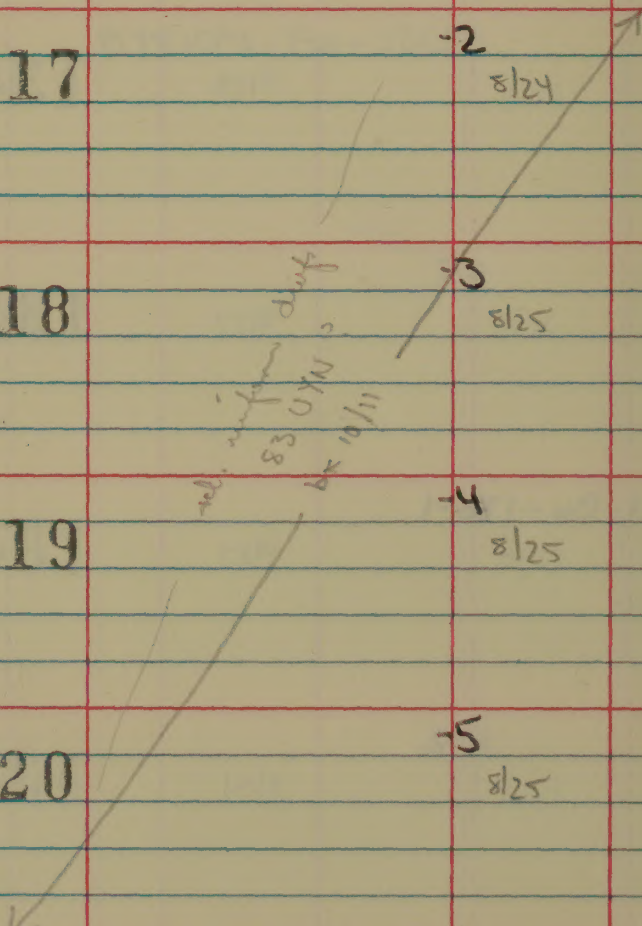
8/25

13420

-5

8/25

rel. surface
83 UTM
BK 10/11



✓
P/P

✓
np

✓
P/P

BT810A1-BK-137-1

7231

8/27

13421

-2

8/30

13422

-3

8/30

13423

Pip ✓

bx 10/11

-4

8/25

13424

-5

8/30

13425

BLMT

HR

8/30

13426

bx 10/11

BT810A1-BK-138-1

7232

8/30

13427

-2

8/30

13428

13429

-3

8/30

✓ P/P

13430

-4

13431

-5

8/30

13432

BT810A1-BK-139-1

8/29

1233

13433

-2

8/29

13434

-3

8/30

13435

-4

8/29

13436

-5

8/31

7236-54	B7810A1-Bx ₂ -1	8/31	13437	
	-2	8/30	13438	pip ✓
	-3	9/2	13439	
	-4		13440	
	-5	9/2	13441	pip ✓
	-6	8/30	13442	pip ✓
	-7		13443	pip ✓
	-8	8/31	13444	pip ✓

13445	BT810A1-Bk ₂ -9	8/31		7236-54
13446	-10	8/26		
13447	-11	9/2		
13448	-12	9/2		
13449	-13	9/2		
13450	RU8103088	9/2		88
bx 10/11				
13451	BT810A1-Bk ₂ -14	9/1		7236-54
✓ P/P				
13452	-15	9/2		

BT810A1-B_{K2}-16

1236-54

8/26

13453

-17

8/27

13454

-18

8/26

13455

-19

9/1

13456

★ P₁ ✓

bx 10/11

-20

8/30

13457

-21

8/25

13458

-22

8/29

13459

P₁ ✓

-23

8/30

13460

P₁ ✓

13461	B781DA1-BK ₂ -24	9/2		1236-54	
✓ Pip					
13462	-25	9/2			
13463	-26	8/25			
13464	-27	9/2			
✓ Pip					
bk 10/11					
13465	-28	8/31			
13466	-29	8/29			
13467	-30	8/30			
13468	-31	8/31			

7236-54	B7810A1-BK ₂ -32	8/30	13469	pip ✓
	-33	8/28	13470	pip ✓
	-34	7/2	13471	
	-35	9/2	13472	
	-36	9/3	13473	pip ✓ bk 10/11
	-37	8/30	13474	
2568	RU7502076	8/25	13475	bk 10/11
7236-54	B7810A1-BK ₂ -38	8/30	13476	

B7810A1-BK₂-39

13477

8/26

1236-54

✓ p/p

bx 10/11

-40

13478

8/27

-41

13479

8/31

-42

13480

8/30

-43

13481

8/26

✓ p/p

-44

13482

8/26

-45

13483

8/26

-46

13484

8/27

✓ p/p

B7810A1-BK₂-47

7236-54

8/27

13485

-48

8/29

13486

-49

8/27

13487

P/P ✓

-50

8/24

13488

P/P ✓

bk 10/11

-51

8/26

13489

-52

8/30

13490

-53

8/28

13491

-54

8/22

13492

P/P ✓

13493

B7810A1 - Bk₂ - 55

8/25

1236-54

13494

-56

8/30

13495

-57

8/31

✓
pp
b/c 10/11

13496

-58

8/30

13497

-59

8/24

13498

-60

9/1

13499

-61

8/26

13500

-62

8/27

1236-54	B7810A1-B ₂ -63	8/30	13501	✓ p/p b/c 10/11
	-64	8/31	13502	✓ p/p
	-65	8/27	13503	
	-66	9/1	13504	
	-67	8/25	13505	✓ p/p b/c 10/11
	-68	8/28	13506	✓ p/p
	-69	8/31	13507	
	-70	9/2	13508	✓ p/p

B7810A1-BK₂-71

13509

9/2

7236-54

-72

13510

9/2

-73

13511

8/30

✓
P/P

-74

13512

7/1

-75

13513

9/2

-76

13514

8/27

-77

13515

8/31

✓
P/P

-78

13516

8/27

7236-54	B7810A1 - Bx ₂ - 19	9/1	13517 P/P ✓ bx 10/11
	-80	8/29	13518 P/P ✓
	-81	9/1	13519
	-82	8/27	13520
	-83	9/1	13521
	-84	9/2	13522
	-85	8/31	13523
	-86	7/1	13524 P/P ✓

13525	LEAH	8/26	26
	bright orange leaves!		
	bx 10/11		

13526	BT81DA1 - Bk ₂ - 87	9/2	1236-54
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13527	-88	8/31	
-------	-----	------	--

13528	-89	8/29	
-------	-----	------	--

13529	-90		
-------	-----	--	--

13530	-91	8/31	
-------	-----	------	--

13531	-92	8/27	
-------	-----	------	--

✓
rip
bx 10/11

13532	-93	9/2	
-------	-----	-----	--

BT810A1-Bk₂-94

1236-54

8/28

13533

-95

9/2

13534

-96

9/3

13535

-97

8/28

13536

np ✓

-98

8/30

13537

-99

8/30

13538

1/1 ✓

b/c 10/11

-100

8/30

13539

p/p ✓

b/c 10/11

-101

8/31

13540

13541	BT810A1-Bk ₂ -102	8/31	7236-54
-------	------------------------------	------	---------

13542	-103	8/26	
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13543	-104	8/30	
-------	------	------	--

13544	-105	8/27	
-------	------	------	--

13545	-106	8/28	
-------	------	------	--

✓ P/P

13546	-107	9/2	
-------	------	-----	--

✓ P/P

13547	-108	8/29	
-------	------	------	--

bx 1011

13548	-109	8/31	
-------	------	------	--

1236-54	B7810A1-Bk ₂ -110	9/1	13549 pip ✓
	-111	8/30	13550
	-112	8/30	13551 pip ✓ bk 10/11
	-113	8/26	13552
	-114	8/31	13553 pip ✓
	-115	8/29	13554
HR	RU8003043	9/3	13555 bk 10/11
1317-34	B7810A1-Bk-1	8/28	13556

13557	B7810A1 - Bk - 2	8/27	1317-34
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13558	-3	8/28	
-------	----	------	--

13559	-4	8/26	
-------	----	------	--

13560	-5	8/30	
-------	----	------	--

13561	-6	9/1	
-------	----	-----	--

13562	-7	8/29	
-------	----	------	--

13563	-8	8/31	
-------	----	------	--

13564	-9	8/30	
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B7810A1-BK-10

7317-34

9/1

13565

-11

8/30

13566

-12

8/30

13567

-13

8/29

13568

-14

8/30

13569

✓
p/p

-15

8/31

13570

-16

8/27

13571

✓
p/p

-17

8/24

13572

13573	B7810A1-Bk-18	8/28	7317-34	
13574	-19	9/2		
✓ P/P				
13575	LBNT	8/25	28	
bic 10/11				
13576	B7810A1-Bk-20	8/23	7317-34	
13577	-21	8/31		
13578	-22	8/31		
13579	-23	8/29		
✓ P/P bk 10/11				
13580	-24	8/29		
✓ P/P				

B7810A1-BK-25

1317.34

8/30

13581

-26

8/29

13582

-27

9/2

13583

✓
P/P

-28

8/30

13584

-29

8/30

13585

✓
P/P

-30

8/24

13586

-31

9/2

13587

-32

8/26

13588

13589	B7810A1-BK-33	8/27		7317-34	
13590	-34	8/30			
13591	-35	8/26			
13592	-36	8/27			
13593	-37	8/30			
13594	-38	8/28			
13595	-39	9/1			
13596	-40	9/1			

B7810A1-BK-41

1317-34

8/31

13597

-42

8/24

13598

-43

8/31

13599

-44

8/31

13600

-45

8/30

13601

-46

9/3

13602

-47

8/31

13603

-48

8/26

13604

13605	B7810A1-BK-49				
				7317-34	

13606	-50	8/29			
-------	-----	------	--	--	--

13607	-51	8/30			
✓ P18					

13608	-52	8/31			
-------	-----	------	--	--	--

13609	-53	8/30			
-------	-----	------	--	--	--

13610	-54	9/3			
-------	-----	-----	--	--	--

13611	-55	8/30			
✓ P18					

13612	-56	8/31			
-------	-----	------	--	--	--

B7810A1-Bk-57

7317-34

9/1

13613

-58

8/29

13614

-59

8/27

13615

fig ✓

bks 10/11

-60

8/27

13616

B7810A1-Bk3

7236-54

bk

8/28

13617

8/31

13618

8/29

13619

8/28

13620

13621	B7810A1-Bk3	8/27		1236-54	bk
13622		8/30			
13623		8/29			
13624		8/31			
13625		8/30			
13626		8/30			
13627		8/31			
13628		9/1			

7236-54 bk	B7810A1-Bk ₃	8/31	13629
		9/1	13630
45	RV7901045	9/1	13631
PR 3098-3119 bk	B7810A1-Bk ₄	9/2	13632
		9/2	13633
	p/p 10/25	9/3	13634
		8/31	13635
		8/28	13636

BT810A1 - Bk4

13637

8/30

PR3098-3119

b/c

13638

9/2

13639

8/29

13640

8/29
p/p

8/28

13641

8/29

13642

8/28

13643

8/28

13644

8/26

B7810A1-BK4

PR3098-3119

8/27

13645

8/28

13646

8/27

13647

8/27

13648

P/P 10/25

8/27

13649

8/27

13650

8/27

13651

8/22

13652

13653 BT810A1 - Bky 8/27 PR 3098 - 3119

13654 8/26

13655 8/26

13656 p/p 10/25 8/25

13657 8/27

13658 8/27

13659 8/25

13660 NWRX 8/30 Br

6817	B786A3-BK ₂ -1-1	9/1	13661
	LONT/19881/33/581/3/1502076		
	-2	8/30	13662
	-3	8/30	13663
6818	B786A3-BK ₂ -2-1	9/1	13664
	82/524		p/p bk 10/11
	-2	8/31	13665
	-3	8/30	13666
			p/p bk 10/11
6827	B786A3-BK ₂ -11-1	9/1	13667
	-2	9/1	13668

13669

-3

9/2

✓ P10

13670

B786A3-Bk₂-12-1

8/27

6828

13671

-2

8/27

✓ P10

13672

-3

8/27

13673

B786A3-Bk₂-15-1

9/2

6831

82/525

13674

-2

8/26

13675

-3

8/30

13676

B786A3-Bk₂-19-1

8/30

6835

-2

8/25

13677

-3

8/25

13678

p/p ✓

B786A3-Bk₂-21-1

6837

8/25

13679

-2

8/25

13680

-3

8/25

13681

p/p ✓

bx 10/11

B786A3-Bk₂-23-1

6839

8/27

13682

-2

8/30

13683

i/p ✓

-3

8/27

13684

13685

B786A3-Bk₂-25-1

8/27

6841

13686

-2

8/28

13687

-3

8/29

13688

B786A3-Bk₂-26-1

8/30

6842

13689

-2

9/1

✓
8/18

13690

-3

9/1

13691

B786A3-Bk₂-29-1

8/31

6845

✓
8/18

13692

-2

8/31

-3

8/30

13693

6847

B786A3-Bk₂-31-1

8/30

13694

-2

8/30

13695

-3

8/27

13696

6849

B786A3-Bk₂-33-1

82/526

8/27

13697

-2

8/27

13698

✓

-3

8/25

13699

6853

B786A3-Bk₂-36-1

8/28

13700

13701

-2

9/1

13702

-3

9/1

✓
p/p
13703

B786A3-BK₂-37-1

8/27

6854

✓
p/p
13704

-2

8/28

13705

-3

8/30

13706

B786A3-BK₂-38-1

8/27

6855

82/527

✓
p/p
13707

-2

8/31

13708

-3

8/28

6858

B786A3-B_{K2}-41-1

82/528

8/12

13709

-2

8/28

13710

P/P ✓

-3

8/31

13711

6864

B786A3-B_{K2}-47-1

8/27

13712

-2

8/24

13713

P/P ✓

-3

8/30

13714

6865

B786A3-B_{K2}-48-1

8/28

13715

-2

8/30

13716

13717

-3

9/1

13718

B786A3-Bk₂-52-1

9/2

6869

13719

-2

9/1

13720

-3

9/1

13721

B786A3-Bk₂-55-1

8/30

6872

13722

-2

8/27

✓ 9/9

13723

-3

8/30

13724

R08003005

8/26

5

br 10/11

6874

B786A3-B_{K2}-57-1

9/1

13725

-2

9/2

13726

-3

9/2

13727

6876

B786A3-B_{K2}-58-1

8/31

13728

-2

8/31

13729

P11

-3

8/31

13730

6882

B786A3-B_{K2}-64-1

8/30

13731

-2

8/30

13732

13733

-3

8/30

✓
pip

13734

B786A3-Bk₂-65-1

9/1

6883

13735

-2

8/28

✓
pip

13736

-3

8/31

13737

B786A3-Bk₂-67-1

8/29

6885

13738

-2

8/29

13739

-3

8/30

13740

B786A3-Bk₂-68-1

8/29

6886

-2

8/29

13741

-3

8/26

13742

B786A3-Bk₂-69-1

6887

8/31

13743

-2

9/2

13744

-3

9/1

13745

B786A3-Bk₂-73-1

6891

8/30

13746

-2

8/31

13747

-3

8/30

13748

P7p ✓

bk 10/11

13749

B786A3-Bk₂-18-1

7/2

6896

✓
pip
13750

-2

9/2

13751

-3

9/1

13752

L-201

8/18

Biggs

bk 10/11
13753

B786A3-Bk₂-19-1

8/31

6897

82/530

13754

-2

8/26

✓
P/p
13755

-3

8/26

13756

B786A3-Bk₂-80-1

8/30

6898

82/531

-2

8/30

13757

-3

8/30

13758

P10 ✓

B786A3-Bk₂-86-1

6904

8/30

13759

P10 ✓

-2

8/30

13760

-3

8/31

13761

B786A3-Bk₂-88-1

6906

82/532

8/27

13762

-2

8/30

13763

-3

8/27

13764

13765

✓ pp

B786A3-Bk₂-91-1

82/533

8/26

6909

13766

-2

8/26

13767

-3

8/26

13768

B786A3-Bk₂-96-1

9/2

6914

13769

-2

9/1

✓ pp

13770

-3

8/31

13771

B786A3-Bk₂-97-1

82/534

9/1

6915

13772

-2

8/30

✓ pp

bk 10/11

-3

9/1

13773

B786A3-Bk₂-102-1

6920

82/535

8/27

13774

-2

8/27

13775

-3

8/27

13776

pip ✓

B786A3-Bk₂-104-1

6922

8/27

13777

pip ✓

-2

8/26

13778

-3

8/29

13779

B786A3-Bk₂-106-1

6924

9/1

13780

13781

-2

9/1

13782

-3

9/1

13783

LBLE

8/21

HR

13784

B786A3-BK-1-1

8/30

6662

13785

-2

9/2

13786

-3

8/28

13787

B686A3-BK-3-1

8/27

6664

13788

-2

8/26

-3

8/26

13789

3686A3-BK-5-1

6666

8/30

13790

-2

8/30

13791

-3

8/27

13792

3686A3-BK-10-1

6671

8/30

13793

-2

8/30

13794

-3

8/30

13795

3686A3-BK-11-1

6672

8/26

13796

13797

-2

8/24

13798

-3

8/30

13799

B686A3-BK-13-1

8/27

6674

13800

-2

8/26

13801

-3

8/31

✓

PIR

BK 10/11

13802

B686A3-BK-15-1

8/31

6676

13803

-2

8/31

13804

-3

9/1

B686A3-BK-17-1

6678

8/25

13805

-2

8/28

13806

-3

8/27

13807

B686A3-BK-20-1

6681

9/2

13808

-2

8/30

13809

Pip ✓

-3

8/31

13810

B686A3-BK-21-1

6682

8/28

13811

-2

8/24

13812

13813

-3

8/28

13814

B686A3-Bk-23-1

9/1

6684

13815

-2

8/28

✓ MP

BK 10/11

13816

-3

8/30

13817

B686A3-Bk-24-1

8/29

6685

13818

-2

8/30

13819

-3

8/30

13820

B686A3-Bk-28-1

7/2

6689

-2

8/30

13821

-3

8/28

13822

B686A3-BK-29-1

6690

8/31

13823

-2

8/30

13824

-3

8/26

13825

✓
PIP

LEAH

26

bright orange leaves! 8/27

13826

identity?

bks 10/11

B786A3-BK-31-1

6692

8/29

13827

-2

8/30

13828

13829

-3

8/29

13830

B786A3-Bk-38-1

8/31

6699

13831

-2

9/1

13832

-3

9/1

13833

B786A3-Bk-63-1

6724

✓
PIP

13834

-2

13835

-3

9/3

13836

B786A3-Bk-66-1

8/31

6728

-2

8/30

13837

P/P

-3

8/30

13838

B786A3-Bk-68-1

6730

8/31

13839

-2

8/30

13840

-3

8/30

13841

B786A3-Bk-69-1

6731

8/27

13842

-2

8/25

13843

P/P

-3

8/25

13844

13845	B786A3-Bk-12-1	8/26	6734
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13846	-2	8/27	
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✓
PIP

13847	-3	8/30	
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13848	B786A3-Bk-13-1	8/27	6735
-------	----------------	------	------

13849	-2	8/29	
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13850	-3	8/30	
-------	----	------	--

13851	RU8101077	8/22	7
-------	-----------	------	---

bK 10111

13852	B786A3-Bk-15-1	8/24	6737
-------	----------------	------	------

-2

8/25

13853

pip

-3

8/25

13854

B786A3-BK-17-1

6739

8/27

13855

-2

8/27

13856

-3

8/26

13857

B786A3-BK-86-1

6748

8/27

13858

-2

8/26

13859

-3

8/29

13860

13861	B786A3-Bx-88-1	8/30	6751
-------	----------------	------	------

13862	-2	9/2	
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13863	-3	8/30	
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13864	B786A3-Bx-90-1	8/26	6753
-------	----------------	------	------

✓ P/p

13865	-2	8/26	
-------	----	------	--

13866	-3	8/28	
-------	----	------	--

13867	B786A3-Bx-92-1	8/26	6755
-------	----------------	------	------

13868	-2	8/26	
-------	----	------	--

-3

8/26

13869

B786A3-BK-96-1

6759

9/1

13870

-2

8/28

13871

-3

8/30

13872

B786A3-BK-102-1

6765

8/27

13873

-2

9/1

13874

-3

8/25

13875

RUB103088

88

8/30

13876

bx 10/11

13877

B786A3-Bk-113-1

8/30

6777

13878

-2

8/28

✓
P/P

13879

-3

9/2

13880

B786A3-Bk-114-1

8/25

6778

13881

-2

8/24

13882

-3

8/22

13883

B786A3-Bk-117-1

8/24

6781

✓
P/P

b/c 10/11

13884

-2

8/25

-3

8/24

13885

B786A3-Bk-119-1

6783

8/31

13886

-2

9/1

13887

-3

8/31

13888

pip ✓

B786A3-Bk-136-1

6800

8/27

13889

-2

8/27

13890

-3

8/26

13891

B786A3-Bk-145-1

6809

8/28

13892

13893

-2

8/28

13894

-3

8/29

13895

B786A3-BK-146-1

8/27

6810

13896

-2

8/24

13897

-3

8/25

13898

B786A3-6-1

8/27

6981

13899

-2

8/26

13900

-3

8/27

B786A3-14-1

6989

8/27

13901

-2

8/25

13902

-3

8/28

13903

B786A3-15-1

6990

8/27

13904

-2

8/25

13905

-3

8/25

13906

B786A3-22-1

6997

8/26

13907

-2

8/26

13908

13909

-3

8/26

13910

B786A3-23-1

9/2

6998

13911

-2

9/1

✓
PIP

13912

-3

9/1

13913

B786A3-24-1

8/30

6999

13914

-2

8/29

13915

-3

8/31

13916

B786A3-31-1

8/31

7006

-2

8/30

13917

-3

9/2

13918

P/p ✓

B786A3-40-1

7015

8/30

13919

-2

8/26

13920

-3

8/26

13921

B786A3-42-1

7017

8/27

13922

P/p ✓

bk 10/11

-2

9/2

13923

-3

8/28

13924

13925	RU7901045	8/26	45
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bx 10/11

13926	B786A3-43-1	8/26	7018
-------	-------------	------	------

✓
rip

13927	-2	8/24	
-------	----	------	--

13928	-3	8/26	
-------	----	------	--

13929	B786A3-47-1	8/31	7022
-------	-------------	------	------

13930	-2	8/30	
-------	----	------	--

13931	-3	9/1	
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13932	B786A3-49-1	8/30	7024
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-2

8/27

13933

-3

8/29

13934

B786A3-51-1

7027

8/26

13935

-2

8/26

13936

-3

8/27

13937

B786A3-54-1

7030

9/1

13938

-2

9/1

13939

Pip ✓

bk 10/12

-3

8/28

13940

13941	B786A3-55-1	8/28		7031
13942	-2	8/27		
✓ pip				
13943	-3	8/30		
13944	B786A3-58-1	8/30		7034
13945	-2	8/26		
13946	-3	8/23		
13947	B786A3-60-1	8/23		7036
13948	-2	8/24		

-3

8/27

13949

pip ✓

LBNT

28

8/30

13950

hk 10/17

B786A3-62-1

7038

8/26

13951

-2

8/22

13952

pip ✓

-3

8/25

13953

B786A3-64-1

7040

8/26

13954

-2

8/27

13955

-3

8/27

13956

13957	B786A3-65-1	8/29		7041
13958	-2	8/28		
13959	-3	8/29		
✓ PIP bik 10/12				
13960	B786A3-66-1	8/26		7042
✓ PIP				
13961	-2	8/27		
13962	-3	8/27		
13963	B786A3-71-1	8/23		7047
13964	-2	8/23		

-3

8/23

13965

B786A3-73-1

7049

8/27

13966

-2

9/2

13967

-3

8/31

13968

B786A3-75-1

7052

8/25

13969

PIP ✓

BR 10/12

-2

8/27

13970

PIP ✓

-3

8/27

13971

B786A3-76-1

7053

8/29

13972

13973

-2

8/28

13974

-3

8/29

13975

RU7603015

8/26

HR

bk 10/12

13976

B786A3-77-1

8/22

7054

✓
P/P

13977

-2

8/27

13978

-3

8/26

13979

B786A3-83-1

8/27

7060

13980

-2

8/25

✓
P/P

-3

8/30

13981

B786A3-84-1

7061

13982

-2

8/27

13983

P/P ✓

-3

13984

B786A3-90-1

7067

8/28

13985

-2

8/29

13986

-3

8/30

13987

B786A3-92-1

7069

8/31

13988

13989

-2

8/28

13990

-3

8/29

13991

B786A3-94-1

7/1

7071

13992

-2

9/2

13993

-3

13994

B786A3-97-1

8/30

7074

13995

-2

9/2

13996

-3

8/28

B786A3-98-1

1076

9/1

13997

-2

9/2

13998

-3

9/2

13999

LBLE-x2-1

2559

8/24

14000

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

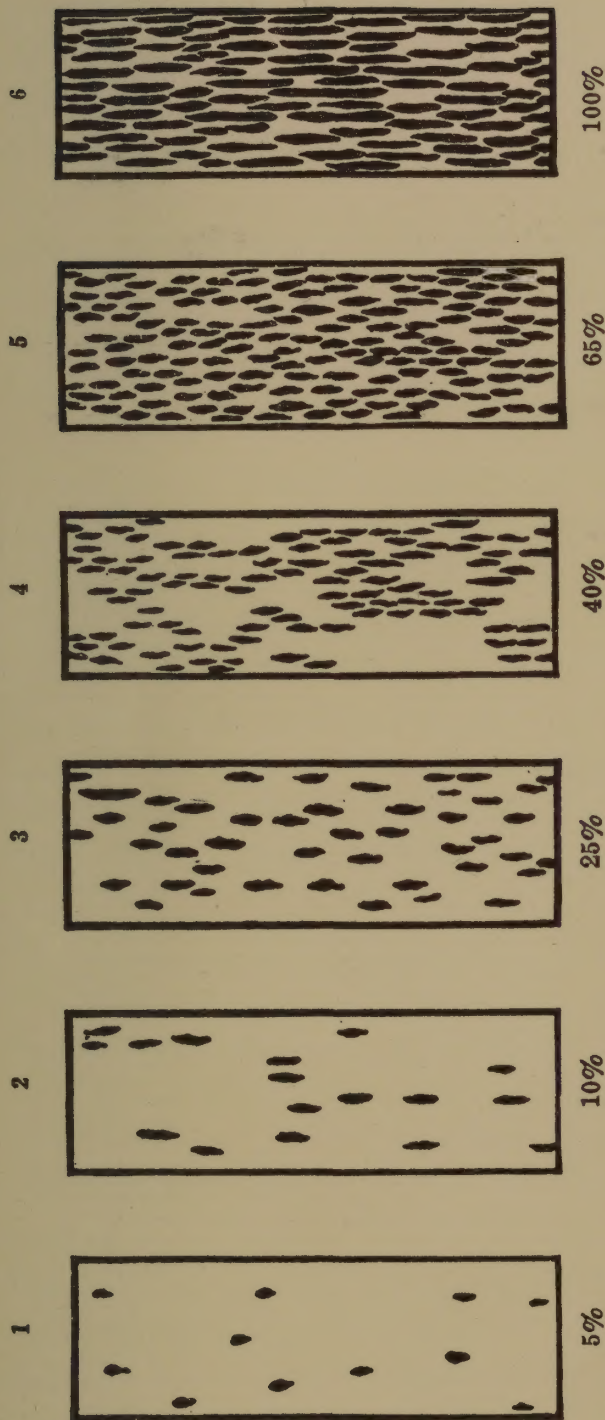


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

Seeded 5/28/82

14001	B786A3-105-1	8/30	1083
-------	--------------	------	------

✓
Pip
bk 10/12

14002	-2	8/31	
-------	----	------	--

✓
Pip

14003	-3	8/31	
-------	----	------	--

14004	B786A3-106-1	8/29	1084
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14005	-2	8/27	
-------	----	------	--

14006	-3	8/30	
-------	----	------	--

14007	B786A3-107-1	8/26	1085
-------	--------------	------	------

14008	-2	8/29	
-------	----	------	--

-3

8/28

14009

BT86A3-108-1

7086

8/24

14010

-2

8/25

14011

-3

8/24

14012

BT86A3-109-1

7087

9/3

14013

-2

9/2

14014

Pp ✓

bk 10/12

-3

8/31

14015

RU7502076

2568

8/27

14016

bk 10/12

14017	B786A3 - Bx5	8/26	PR 3081-96 bx
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14018		8/24	
-------	--	------	--

14019		8/27	
-------	--	------	--

14020	9/8 10/25	8/24	
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14021		8/27	
-------	--	------	--

14022		8/27	
-------	--	------	--

14023		8/24	
-------	--	------	--

14024		8/23	
-------	--	------	--

B786A3 - Bk5

PR 3081-96

bk

8/26

14025

8/29

14026

8/27

14027

8/28

14028

8/29

14029

8/27

14030

8/25

14031

8/26

14032

PR 10/25

14049	B786A3-Bk5	8/23	PR3081-96 br
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14050	PI 408449 (purple leaf)	8/29	2452
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14051	B7810A1-3-1	8/28	7258
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14052	-2	8/24	
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14053	-3	8/28	
-------	----	------	--

✓
pip

14054	B7810A1-5-1	8/27	7260
-------	-------------	------	------

14055	-2	8/28	
-------	----	------	--

14056	-3	8/24	
-------	----	------	--

7261	BT810A1-6-1	8/24	14057 ✓ P/P
	-2	8/27	14058
	-3	8/26	14059
7262	BT810A1-7-1	8/25	14060 ✦ ✦ ✦ ✓ P/P box 10/12
	-2	8/29	14061 ✓ P/P
	-3	8/24	14062 ✓ P/P
7264	BT810A1-9-1	9/1	14063
	-2	9/1	14064

14065	-3	9/2		
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14066	B7810A1-11-1	8/27	7266	
✓ fhp				

14067	-2	8/30		
-------	----	------	--	--

14068	-3	8/25		
-------	----	------	--	--

14069	B7810A1-13-1	8/30	7268	
-------	--------------	------	------	--

14070	-2	9/2		
-------	----	-----	--	--

14071	-3	8/30		
-------	----	------	--	--

14072	B7810A1-15-1	8/25	7270	
-------	--------------	------	------	--

-2

8/30

14073

-3

8/27

14074

R08003043

HR

9/1

14075

bnc 10112

BT810A1-17-1

1272

8/26

14076

-2

8/31

14077

-3

8/30

14078

✓
flp

BT810A1-18-1

1273

8/28

14079

-2

8/29

14080

14081

-3

8/29

14082

B7810A1-20-1

8/29

7275

14083

-2

8/30

14084

-3

8/30

14085

B7810A1-21-1

8/31

7276

bK

14086

-2

8/31

✓

P/P

bK 10/12

14087

-3

9/1

✓

P/P

14088

B7810A1-22-1

9/1

7277

✓ P/P

☆

bK 10/12

-2

8/30

14089

-3

8/29

14090

B7810A1-23-1

1278

8/28

14091

P/P

-2

8/30

14092

-3

8/28

14093

B7810A1-25-1

1280

8/2

14094

-2

8/26

14095

-3

8/29

14096

14097	B7810A1-26-1	9/3	7281
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14098	-2	8/28	
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14099	-3	8/28	
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14100	B7810A1-27-1	8/28	7282
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14101	-2	9/2	
-------	----	-----	--

14102	-3	8/30	
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✓ P/P
bk 10/12

14103	B7810A1-28-1	9/2	7283
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14104	-2	8/30	
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-3

8/29

14105

P1P ✓

B7810A1-30-1

7285

8/31

14106

-2

8/28

14107

-3

9/1

14108

P1P ✓

B7810A1-33-1

7288

8/29

14109

-2

8/30

14110

-3

8/27

14111

B7810A1-34-1

7289

8/27

14112

P1P ✓

114113	B7810A1-35-1	8/25	7290
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114114	-2	8/30	7290
--------	----	------	------

114115	B7810A1-39-1	8/29	7294
--------	--------------	------	------

✓
PIP

114116	B7810A1-34-2	8/30	7289
--------	--------------	------	------

✓
PIP

114117	-3	8/29	7289
--------	----	------	------

114118	B7810A1-35-3	8/30	7290
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114119	B7810A1-39-2	8/30	7294
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114120	-3	8/30	
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Blggs	L-201	8/18	14121
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7296	B7810A1-41-1		14122
------	--------------	--	-------

	-2	9/2	14123
--	----	-----	-------

P/P ✓

	-3	8/31	14124
--	----	------	-------

7297	B7810A1-42-1	9/1	14125
------	--------------	-----	-------

P/P ✓

	-2	7/2	14126
--	----	-----	-------

	-3	9/1	14127
--	----	-----	-------

7301	B7810A1-46-1	8/29	14128
------	--------------	------	-------

14129

-2

8/30

✓ P/p

14130

-3

8/29

14131

B7810A1-49-1

9/3

7304

✓ P/p

14132

-2

8/31

14133

-3

8/31

14134

B7810A1-51-1

8/29

7306

14135

-2

8/29

14136

-3

8/30

✓ eye

bx 10/12

7310	BT810A1-55-1	8/30	14137
	-2	8/26	14138
	-3	8/27	14139 fig ✓ bk 10/12
7315	BT810A1-60-1	8/29	14140
	-2	8/24	14141
	-3	8/30	14142
2452	PI 408449	8/29	14143 bk 10/12
7338	BT812A1-3-1	8/29	14144

14145

-2

8/24

14146

-3

8/25

✓
f/p

14147

B7812A1-4-1

8/27

7339

14148

-2

8/29

14149

-3

8/30

✓
f/p

14150

B7812A1-5-1

8/24

7340

14151

-2

8/27

14152

-3

8/24

7341	B7812A1-6-1	8/25	14153	
	-2	8/30	14154	
	-3	8/30	14155	✓ p/p b/c 10/12
7342	B7812A1-7-1	8/24	14156	✓ p/p b/c 10/12
	-2	8/25	14157	
	-3	8/30	14158	✓ p/p
7343	B7812A1-8-1	8/25	14159	✓ p/p
	-2	8/25	14160	

14161

-3

8/25

14162

BT812A1-10-1

8/28

7345

14163

-2

8/23

14164

-3

8/29

14165

BT812A1-12-1

8/26

7347

14166

-2

8/25

14167

-3

8/26

14168

BT812A1-15-1

8/31

7350

✓
MP

-2

8/31

14169

-3

8/26

14170

BT812A1-16-1

7351

8/27

14171

rip ✓

-2

8/27

14172

-3

8/25

14173

BT812A1-18-1

7353

8/29

14174

-2

8/27

14175

-3

8/30

14176

rip ✓

14177	LBLE	8/22	HR
-------	------	------	----

bic 10/12

14178	B7812A1-20-1	8/30	1355
-------	--------------	------	------

✓
PIP

14179	-2	8/30	
-------	----	------	--

14180	-3	9/1	
-------	----	-----	--

14181	B7812A1-21-1	8/28	1356
-------	--------------	------	------

14182	-2	8/25	
-------	----	------	--

✓
PIP

14183	-3	8/28	
-------	----	------	--

14184	B7812A1-23-1	8/29	1358
-------	--------------	------	------

-2

8/29

14185

-3

8/29

14186

B7812A1-24-1

7359

8/31

14187

-2

8/24

14188

-3

8/24

14189

Vp

B7812A1-27-1

7362

8/22

14190

-2

8/24

14191

-3

8/26

14192

P/P

B7812A1-29-1

14193

8/27

7364

✓ P/p

-2

14194

8/31

-3

14195

9/1

B7812A1-31-1

14196

8/27

7366

-2

14197

8/29

-3

14198

8/27

B7812A1-34-1

14199

8/28

7369

-2

14200

8/28

-3

8/30

14201

1373

B7812A1-38-1

8/26

14202

P/P

-2

8/28

14203

-3

8/29

14204

1376

B7812A1-40-1

8/31

14205

-2

8/28

14206

-3

9/1

14207

1378

B7812A1-42-1

8/31

14208

14209

-2

8/25

✓ pip

bk 10/12

14210

-3

8/27

14211

B7812A1-43-1

8/30

7379

14212

-2

8/28

14213

-3

8/31

14214

B7812A1-44-1

8/31

7380

14215

-2

9/1

✓ pip

bk 10/12

14216

-3

7382

B7812A1-46-1

8/28

14217

-2

8/30

14218

P/P ✓

-3

8/27

14219

7384

B7812A1-48-1

8/27

14220

-2

8/29

14221

-3

8/31

14222

P/P ✓

bnc 10112

7385

B7812A1-49-1

9/2

14223

-2

8/30

14224

P/P ✓

14225	-3	9/3		
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14226	LBNT	8/29	28	
bx 10/12				

14227	BT812A1-53-1	8/30	7389	
✓ P/p				
bx 10/12				

14228	-2	8/25		
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14229	-3	8/26		
✓ P/p				

14230	BT812A1-55-1	8/27	7391	
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14231	-2	8/29		
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14232	-3	8/27		
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B7812A1-56-1

7392

8/29

14233

-2

8/26

14234

p/p ✓

-3

8/25

14235

B7812A1-60-1

7396

8/30

14236

-2

8/29

14237

-3

8/29

14238

B7812A1-61-1

7397

8/29

14239

-2

8/30

14240

14241	-3	9/2	
14242	BT812A1-62-1	9/2	1398
14243	-2	9/2	
✓ p/p			
14244	-3	9/2	
14245	BT812A1-63-1	8/29	1399
14246	-2	8/25	
14247	-3	8/25	
✓ p/p			
14248	BT812A1-64-1	8/24	1400

-2

8/27

14249

-3

8/24

14250

RU8003005

5

8/22

14251

bx 10/12

BT412A1-67-1

7403

8/31

14252

-2

8/30

14253

-3

8/28

14254

✓
Vp

BT812A1-68-1

7404

8/26

14255

-2

8/27

14256

14257

-3

8/26

✓
P/P

14258

B7812A1-71-1

8/26

7407

✓
P/P

bk 10/12

14259

-2

8/26

14260

-3

8/25

14261

B7812A1-72-1

8/26

7408

14262

-2

8/25

14263

-3

8/24

✓
P/P

14264

B7812A1-78-1

8/24

7414

✓
P/P

bk 10/12

-2

8/24

14265

-3

8/21

14266

P/P ✓

B7812A1-79-1

7415

8/22

14267

-2

8/23

14268

P/P ✓

-3

8/24

14269

B7812A1-82-1

7418

8/27

14270

-2

8/27

14271

-3

8/26

14272

P/P ✓

B7812A1-83-1

14273

9/3

7419

-2

14274

8/24

✓
p/p

-3

14275

8/24

B7812A1-87-1

14276

8/27

7423

-2

14277

8/26

-3

14278

8/25

✓
p/p

bK 10/12

BLMT

14279

8/30

HR

bK 10/12

RJ8003043

14280

9/3

HR

bK 10/12

B7812A1-BK₂

7425-40

bk

8126

14281

8127

14282

8127

14283

8124

14284

8125

14285

8122

14286

8126

14287

8125

14288

14289	BT812A1-Bk2	8/28	7425-40
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14290		8/25	
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14291		8/26	
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14292	b/c 10/26	8/25	
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14293		8/26	
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14294		8/29	
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14295		8/23	
-------	--	------	--

14296		8/25	
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B7812A1-Bk₂

7425-40

8/27

14297

Bk 10/26

8/27

14298

8/26

14299

8/27

14300

B784A3-Bk₂-4-1

7445

9/3

14301

LBNT/9881/331581/3/LBNT/315650

-2

14302

-3

9/2

14303

B784A3-Bk₂-7-1

7448

8/30

14304

14305

-2

8/30

✓ pip

14306

-3

8/30

14307

B784A3-Bk₂-11-1

9/1

7452

14308

-2

9/1

✓ pip

bk 10/12

14309

-3

8/29

14310

B784A3-Bk₂-12-1

8/29

7453

82/536

14311

-2

9/1

14312

-3

8/30

7455	B784A3-Bk ₂ -14-1	9/1	14313
------	------------------------------	-----	-------

	-2	9/1	14314
--	----	-----	-------

	-3	8/31	14315
--	----	------	-------

P/p ✓

7457	B784A3-Bk ₂ -16-1	8/31	14316
------	------------------------------	------	-------

82/537

P/p ✓

	-2	8/30	14317
--	----	------	-------

	-3	8/31	14318
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7458	B784A3-Bk ₂ -17-1	9/3	14319
------	------------------------------	-----	-------

	-2	8/31	14320
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P/p

bk 10/12

14321

-3

9/2

14322

B784A3-Bk₂-18-1

8/31

7459

14323

-2

8/31

14324

-3

8/29

14325

B723A8-Bk-31-Bk-10-4

2572

14326

B784A3-Bk₂-19-1

9/2

7460

14327

-2

9/3

14328

-3

9/1

✓ P/P

7462	B784A3-Bk ₂ -21-1	8/30	14329
------	------------------------------	------	-------

	-2	9/1	14330
--	----	-----	-------

P/p ✓

	-3	9/3	14331
--	----	-----	-------

7463	B784A3-Bk ₂ -22-1	9/3	14332
------	------------------------------	-----	-------

	-2	8/29	14333
--	----	------	-------

	-3	9/2	14334
--	----	-----	-------

7464	B784A3-Bk ₂ -23-1	9/1	14335
------	------------------------------	-----	-------

	-2	8/29	14336
--	----	------	-------

14337

-3

9/1

14338

B784A3-Bk₂-24-1

8/30

7465

82/539

14339

-2

8/27

14340

-3

8/27

✓
Pip

14341

B784A3-Bk₂-27-1

8/31

7468

14342

-2

8/27

✓
Vp

bK 10/12

14343

-3

9/1

14344

B784A3-Bk₂-29-1

8/31

7470

82/540

-2

9/3

14345

P_{1/1} ✓

-3

8/31

14346

B784A3-Bk₂-31-1

7472

8/31

14347

-2

8/30

14348

P_{1/p} ✓

-3

9/1

14349

B723A8-Bk-21-Bk-4-5

2573

14350

bk 10/12

B784A3-Bk₂-32-1

7473

8/30

14351

-2

8/30

14352

P_{1/p} ✓

bk 10/12

14353

-3

8/30

14354

B784A3-Bk₂-33-1

8/28

7474

14355

-2

8/31

14356

-3

8/26

14357

B784A3-Bk₂-35-1

8/30

7477

14358

-2

8/29

✓
c/p

14359

-3

8/28

14360

B784A3-Bk₂-45-1

8/29

7487

✓ p/p

82/541

bk 10/12

-2

8/29

14361

-3

8/29

14362

B784A3-Bk₂-46-1

7488

8/26

14363

-2

8/25

14364

rip ✓

-3

8/26

14365

B784A3-Bk₂-48-1

7490

82/542

8/27

14366

rip ✓

-2

8/26

14367

-3

9/2

14368

114369	BT84A3-Bk ₂ -50-1 82/543	7492
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114370	-2 9/2	
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114371	-3	
--------	----	--

114372	BT84A3-Bk ₂ -51-1 8/30	7493
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114373	-2 8/31	
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114374	-3 9/3	
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114375	RU8101007 8/22	7
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bic 10/12

114376	BT84A3-Bk ₂ -52-1 8/31	7494
--------	--------------------------------------	------

-2

9/2

14377

✓
P/p

-3

8/31

14378

BT84A3-Bk₂-53-1

7495

82/544

14379

-2

8/30

14380

✓
P/p

bk idiz

-3

9/3

14381

BT84A3-Bk₂-54-1

7496

8/30

14382

✓
P/p

-2

8/30

14383

-3

8/30

14384

14385	B784A3-Bk ₂ -55-1	8/28	7497
-------	------------------------------	------	------

14386	-2	8/30	
-------	----	------	--

14387	-3	8/29	
-------	----	------	--

14388	B784A3-Bk ₂ -56-1	8/26	7498
	82/545		

14389	-2	8/27	
-------	----	------	--

14390	-3	8/30	
-------	----	------	--

14391	B784A3-Bk ₂ -59-1	8/27	7501
-------	------------------------------	------	------

14392	-2	8/25	
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-3

8/27

14393

B784A3-BK₂-62-1

7504

8/31

14394

✓
P/P

-2

8/31

14395

-3

8/30

14396

B784A3-BK₂-65-1

7507

8/30

14397

-2

8/29

14398

-3

8/30

14399

✓
P/P

bk 10/12

B784A3-BK₂-70-1

7512

9/3

14400

14401 -2
9/3

14402 -3
8/26

14403 BT84A3-Bk₂-71-1
8/29 7513

14404 -2
8/29
✓ P/P

14405 -3
8/30

14406 BT84A3-Bk₂-72-1
7514

14407 -2

14408 -3

7515	B784A3-Bk ₂ -73-1	8/31	14409
------	------------------------------	------	-------

-2

8/31

14410

p/p

b/c 10/12

-3

8/31

14411

HR	R07603015	8/27	14412
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8/27

14412

7540	B784A3-Bk-3-1	8/29	14413
------	---------------	------	-------

8/29

14413

-2

8/29

14414

-3

8/30

14415

7541	B784A3-Bk-4-1	8/30	14416
------	---------------	------	-------

8/30

14416

14417

-2

8/29

14418

-3

8/31

14419

B784A3-BK-5-1

7542

✓ ↗

Pp

later had good

bic 10/12

14420

-2

9/1

14421

-3

14422

B784A3-BK-6-1

8/29

7543

14423

-2

8/29

14424

-3

8/28

7544	B784A3-BK-7-1	8/30	14425
------	---------------	------	-------

	-2	8/31	14426
--	----	------	-------

✓
P_h

	-3	8/28	14427
--	----	------	-------

7546	B784A3-BK-9-1	8/29	14428
------	---------------	------	-------

✓
P_p

bk 10/12

	-2	9/1	14429
--	----	-----	-------

	-3	8/30	14430
--	----	------	-------

7548	B784A3-BK-11-1	8/30	14431
------	----------------	------	-------

	-2	8/30	14432
--	----	------	-------

14433

-3

8/30

14434

B784A3-Bk-12-1

8/28

1549

14435

-2

8/28

14436

-3

8/28

14437

B784A3-Bk-14-1

9/2

1551

14438

-2

8/30

14439

-3

9/2

✓

p/p

14440

B784A3-Bk-15-1

8/31

1552

✓ p/p ☆

82/546

bk 10/12

-2

9/1

14441

-3

9/1

14442

B784A3-BK-16-1

7553

8/31

14443

-2

8/28

14444

-3

8/30

14445

B784A3-BK-19-1

7556

14446

-2

9/1

14447

P/p ✓

bk 10/12

-3

14448

14449	B784A3-BK-21-1	8/24	7558
	82/547		

14450	-2	8/30	
✓ PIP			
bk 10/12			

14451	-3	8/27	
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14452	NWRX	8/29	Br
bk 10/12			

14453	B784A3-BK-22-1	8/31	7559
-------	----------------	------	------

14454	-2	8/30	
-------	----	------	--

14455	-3	8/30	
-------	----	------	--

14456	B784A3-BK-24-1	8/28	7561
-------	----------------	------	------

-2

9/2

14457

-3

8/26

14458

B784A3-BK-26-1

7563

9/1

14459

-2

9/1

14460

-3

9/2

14461

B784A3-BK-27-1

7564

8/31

14462

-2

8/31

14463

-3

9/1

14464

14465	B784A3-Bk-29-1	8/25	7566
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14466	-2	8/25	
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14467	-3	8/24	
-------	----	------	--

14468	B784A3-Bk-30-1	8/28	7567
-------	----------------	------	------

14469	-2	8/28	
-------	----	------	--

14470	-3	8/26	
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✓ PIP

14471	B784A3-Bk-31-1	8/30	7568
-------	----------------	------	------

14472	-2	8/27	
-------	----	------	--

✓ PIP

-3

8/30

14473

B784A3-Bk-35-1

7572

82/548

8/29

14474

-2

8/27

14475

-3

8/27

14476

✓
1/1

BBLE

2544

8/29

14477

bk 10/12

B784A3-Bk-37-1

7574

8/27

14478

-2

8/31

14479

-3

8/30

14480

14481	B784A3-BK-40-1	8/30	7578
-------	----------------	------	------

14482	-2	8/30	
-------	----	------	--

14483	-3	8/30	
-------	----	------	--

14484	B784A3-BK-41-1	8/22	7579
	82/549		

14485	-2	8/26	
-------	----	------	--

14486	-3	8/27	
-------	----	------	--

14487	B784A3-BK-42-1	8/30	7580
-------	----------------	------	------

14488	-2	8/30	
-------	----	------	--

-3

9/1

14489

B784A3-Bk-44-1

7582

8/31

14490

p/p ✓

-2

8/30

14491

-3

8/30

14492

B784A3-Bk-45-1

7583

9/2

14493

-2

8/30

14494

p/p ✓

-3

8/31

14495

B784A3-Bk-48-1

7586

8/30

14496

14497

-2

8/30

✓
p/p

bk 10/12

14498

-3

8/29

14499

B784A3-BK-50-1

8/30

7588

14500

-2

8/27

14501

-3

8/31

✓
p/p

14502

B784A3-BK-53-1

8/30

7591

14503

-2

9/1

14504

-3

8/29

B784A3-Bk-56-1

7594

8/30

14505

✓
1/p

-2

8/27

14506

-3

8/29

14507

B784A3-Bk-58-1

7596

8/29

14508

-2

8/30

14509

-3

8/30

14510

✓
1/p

B784A3-Bk-59-1

7597

8/30

14511

-2

8/28

14512

14513	-3 8/28	
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14514	B784A3-BK-67-1 8/30	7605
-------	------------------------	------

14515	-2 8/29	
-------	------------	--

14516	-3 8/30	
-------	------------	--

✓
P/P

14517	B784A3-BK-77-1 8/31	7615
-------	------------------------	------

14518	-2 8/30	
-------	------------	--

14519	-3 8/31	
-------	------------	--

✓
P/P

14520	B784A3-BK-81-1 8/27	7619
-------	------------------------	------

-2

8/25

14521

-3

8/26

14522

pip[✓]

B784A3-Bk-82-1

7620

9/2

14523

-2

8/30

14524

-3

8/30

14525

pip[✓]

B784A3-Bk-88-1

7626

8/30

14526

-2

8/29

14527

-3

7/2

14528

B784A3-BK-91-1

14529

7629

14530

-2

8/30

14531

-3

8/31

14532

LEAH

8/26

26

bright orange leaves!

bK 10/12

14533

B784A3-

8/29

PR3121-40

bK

14534

8/30

14535

8/30

14536

8/22

B784A3-

PR 3121-40

8/27

14537

8/28

14538

8/28

14539

8/25

14540

bK 10/26

8/25

14541

8/26

14542

8/25

14543

8/27

14544

B784A3-

14545

8/28

PR 3121-40

b/c

14546

8/28

14547

8/30

14548

8/28

b/c 10/26

14549

8/27

14550

8/27

14551

8/27

14552

8/27

PR 3121-40

bk

8/27

14553

8/27

14554

8/28

14555

8/26

14556

8/26

14557

8/27

14558

8/27

14559

8/28

14560

14561	PI 408449	8/29	2452
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bx 10/12

14562	C626A - Bk3	8/22	PR 3557 - 99 bx
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7603015/7701074

14563	8/22
-------	------

14564	8/24
-------	------

14565	8/23
-------	------

bx 14/26

14566	8/24
-------	------

14567	8/27
-------	------

14568	8/23
-------	------

PR3587-99

bx

8/23

14569

8/23

14570

8/23

14571

8/24

14572

8/25

14573

8/24

14574

8/24

14575

8/23

14576

14577

8/23

PR3587-99

bk

14578

8/23

14579

8/23

14580

8/23

bk 10/26

14581

8/24

14582

8/23

14583

8/22

14584

8/23

PR 3587-99

bk.

8/23

14585

8/24

14586

8/23

14587

8/23

14588

8/23

14589

8/24

14590

Semi-sterile ponicle

OYN 15 MR

8/28

14591

8/27

14592

14593	Semistein. paricle	8/24	UHN 15 HR
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14594	"	8/27	"
-------	---	------	---

14595	"	8/26	"
-------	---	------	---

14596	"	8/28	"
-------	---	------	---

14597	"	8/27	"
-------	---	------	---

14598	"	8/27	"
-------	---	------	---

14599	"	8/24	"
-------	---	------	---

14600	"	8/25	"
-------	---	------	---

Seeded 5/28/82

38

2640

9/3

14601

bx 10/18

2573

8/19

14602

bx 10/18

2671

9/1

14603

bx 10/18

2672

8/22

14604

bx 10/18

5803

8/31

14605

bx 10/4

5804

9/2

14606

bx 10/4

5805

8/29

14607

bx 10/4

43

8/30

14608

bx 10/4

14609

8/30

50

bk 10/4

14610

8/27

46

bk 10/4

14611

8/26

26

bk 10/4

14612

8/27

4473

bk 10/4

14613

8/26

2567

bk 10/4

14614

8/27

15

bk 10/4

14615

8/20

5

bk 10/4

14616

8/23

12915

bk 10/4

121

8/29

14617

bk 10/4

21

8/22

14618

bk 10/4

110

8/23

14619

bk 10/4

117

8/28

14620

bk 10/4

118

8/28

14621

bk 10/4

1234

9/1

14622

bk 10/4

82

8/21

14623

bk 10/4

343

9/3

14624

bk 10/4

114625	9/3	14821-22
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bk 10/18

114626	8/24	1206
--------	------	------

bk 10/4

114627	9/3	2775
--------	-----	------

bk 10/4

114628	8/6	79/1503
--------	-----	---------

bk 10/4

114629	8/6	79/1504
--------	-----	---------

bk 10/4

114630	8/4	79/1505
--------	-----	---------

bk 10/4

114631	8/24	1809
--------	------	------

bk 10/4

114632	8/19	12713-15
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bk 10/4

5492

8/23

14633

bx 10/4

5500

8/22

14634

bx 10/4

5609

9/2

14635

bx 10/4

5627

4/1

14636

bx 10/4

44

8/28

14637

bx 10/4

48

8/26

14638

bx 10/18

53

8/27

14639

bx 10/18

30

8/26

14640

bx 10/18

14641

8/27

115

bk 10/4

14642

8/11

16

bk 10/4

14643

8/26

41

bk 10/4

14644

8/24

24

bk 10/4

14645

8/19

25

bk 10/4

14646

8/24

23

bk 10/4

14647

8/18

81

bk 10/4

14648

8/17

99

bk 10/4

108

8/27

14649

bk 10/4

111

8/23

14650

bk 10/4

149

8/24

14651

bk 10/4

185

8/24

14652

bk 10/4

199

8/27

14653

bk 10/4

105

8/20

14654

bk 10/4

148

8/23

14655

bk 10/4

122

8/24

14656

bk 10/4

14657

8/29

162

bkr 10/4

14658

8/22

169

bkr 10/4

14659

9/2

174

bkr 10/4

14660

8/11

1

bkr 10/4

14661

8/19

55

bkr 10/4

14662

8/19

90

bkr 10/4

14663

8/14

126

bkr 10/4

14664

8/12

14837-38

bkr 10/4

14841-42

8/23

14665

bk 10/4

12507-09

8/23

14666

bk 10/4

12518-20

8/23

14667

bk 10/4

2179-80

14668

bk 10/18

2201-02

14669

bk 10/18

2199-2200

14670

bk 10/18

10453

8/25

14671

bk 10/4

10525

8/31

14672

bk 10/4

14673	8/20	2101-10
bk 10/4		
14674	8/24	14901-08
14675	8/7	2340-45
Severe pan. diseases (blast lesions)		
14676	8/14	2368
14677	8/13	2375
14678	8/8	2377
14679	8/5	2378
Della		
14680	8/27	border
bk 10/4		

2001-20

14681

2281

8/23

14682

bx 10/14

2304-06

14683

bx 10/15

2307-09

14684

bx 10/18

2310-12

8/30

14685

bx 10/18

2313-15

8/29

14686

bx 10/18

2316-18

9/1

14687

bx 10/18

2319-21

14688

bx 10/18

14689

2322-24

bx 10/4

14690

Brazil R516-516-1-1-1T

8/27

PR3492-98

bx 10/4

14691

8/24

2523

bx 10/4

14692

8/22

2622

bx 10/4

14693

LBNT

8/29

28

bx 10/4

14694

No plants

12715

14695

8/20

2336-39

bx 10/18

14696

9/2

78/75

bx 10/18

OS-7

2464

9/2

14697

bk 10/4

CICA-4

2475

14698

bk 10/18

IR-30

2091-2100

8/22

14699

bk 10/18

Brittle Saturn

10000

8/27

14700

bk 10/18

BT817A1-BK-1-1

7651

8/30

14701

LBNT/1881/331581/3/LBNT/315650

* p/p ✓

bk 10/12

-2

9/1

14702

-3

8/29

14703

BT817A1-BK-2-1

7652

8/24

14704

14705	-2	8/27			
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14706	-3	8/24			
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14707	BT817A1-Bk-3-1	8/23		7653	
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14708	-2	8/23			
✓ P/P bx 10/12					

14709	-3	8/24			
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14710	BT817A1-Bk-4-1	8/25		7654	
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14711	-2	8/26			
✓ P/P					

14712	-3	8/24			
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7656 B7817A1-Bk-6-1

14713

-2

14714

-3

14715

7658 B7817A1-Bk-8-1

8/24

14716

-2

8/25

14717

pp ✓

bk 10/12

-3

8/25

14718

7659 B7817A1-Bk-9-1

8/29

14719

-2

8/28

14720

pp ✓

14721	-3 8/29		
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14722	B7817A1-Bk-12-1 8/26	7662	
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14723	-2 8/26		
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14724	-3 8/30		
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✓
P/p
bk 10/12

14725	LEAH 8/26	26	
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14726	B7817A1-Bk-14-1 8/29	7664	
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14727	-2 8/29		
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✓
P/p

14728	-3 8/29		
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B7817A1-Bk-19-1

7669

8/29

14729

-2

8/30

14730

-3

8/31

14731

P/P ✓

B7817A1-Bk-22-1

7672

8/24

14732

-2

8/26

14733

P/P ✓

b/c 10/12

-3

8/24

14734

B7817A1-Bk-27-1

7678

8/29

14735

P/P ✓

-2

8/29

14736

14737

-3

8/27

14738

B7817A1-BK-30-1

8/29

7681

14739

-2

8/29

14740

-3

9/2

14741

B7817A1-BK-31-1

8/29

7682

14742

-2

8/24

✓ P10 ↗

BK 10112

14743

-3

8/29

14744

B7817A1-BK-32-1

8/24

7683

✓ P1P

-2

8/24

14745

✓
P/P

-3

8/24

14746

B7817A1-BK-34-1

7685

8/29

14747

-2

8/29

14748

✓
P/P

-3

8/26

14749

LBNT

28

8/29

14750

bk 10/12

B7817A1-BK-36-1

7687

8/25

14751

-2

8/25

14752

14753

-3

8/25

✓
PIP

14754

B7817A1-Bk-39-1

8/26

7690

✓
PIP

14755

-2

8/29

14756

-3

8/27

✓
PIP

14757

B7817A1-Bk-38-1

8/29

7689

14758

-2

8/27

14759

-3

8/27

14760

B7817A1-Bk-41-1

8/24

7692

-2

8/26

14761

✓
P/p

-3

8/26

14762

BT817A1-BK-42-1

7693

8/26

14763

-2

8/24

14764

✓
P/p

-3

8/24

14765

BT817A1-BK-43-1

7694

8/27

14766

-2

8/29

14767

✓
P/p

BK 10/12

-3

8/30

14768

14769	B7817A1-BK-44-1	8/31	7695
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14770	-2	8/29	
-------	----	------	--

14771	-3	9/1	
-------	----	-----	--

14772	B7817A1-BK-46-1	8/26	7697
-------	-----------------	------	------

✓
p/p
bk 10/12

14773	-2	8/25	
-------	----	------	--

14774	-3	8/27	
-------	----	------	--

14775	L-201	8/19	Biggs
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much st. hd.
symptoms!

14776	B7817A1-BK-48-1	8/26	7699
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-2

8/26

14777

✓
PIP

-3

8/25

14778

B7817A1-BK-57-1

7708

8/27

14779

-2

8/25

14780

✓
PIP

-3

8/25

14781

B7817A1-BK-58-1

7709

8/27

14782

-2

8/25

14783

-3

8/26

14784

✓
PIP

BK 10112

14785	B7817A1-BK-60-1	8/27	7711
-------	-----------------	------	------

14786	-2	8/27	
-------	----	------	--

14787	-3	8/26	
-------	----	------	--

14788	B7817A1-BK-64-1	8/29	7715
-------	-----------------	------	------

14789	-2	8/29	
-------	----	------	--

✓
8/18

14790	-3	9/1	
-------	----	-----	--

14791	B7817A1-BK-71-1	8/29	7722
-------	-----------------	------	------

14792	-2	8/28	
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-3

8/27

14793

pip ✓

B7817A1- Bk - T2-1

1123

8/30

14794

-2

8/28

14795

-3

8/30

14796

pip ✓

B7817A1- Bk - T4-1

1125

8/29

14797

-2

8/29

14798

pip ✓

bk 10112

-3

8/30

14799

PI 315650

2578-80

14800

14801	B7817A1- Bk 4	8/24	PR3142-67 b1c
14802		8/23	
14803		8/21	
14804	b1c 10/26	8/23	
14805		8/21	
14806		8/23	
14807		8/20	
14808		8/22	

B7817A1-Bky

PR3142-67

bk

8/22

14809

8/23

14810

8/21

14811

8/23

14812

8/23

14813

8/23

14814

8/23

14815

8/23

14816

bk 10/26

14817	B7817A1-Bx4	8/23	PR 3142-67 bk
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14818		8/23	
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14819		8/23	
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14820	bK 10/26	8/23	
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14821		8/23	
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14822		8/23	
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14823		8/22	
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14824		8/20	
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B7817A1 - Bk4

PR3142-67

8/24

14825

8/23

14826

8/24

14827

8/25

14828

8/28

14829

8/21

14830

8/23

14831

8/23

14832

14833	B7817A1-Bk4	8/24	PR3142-67 bk
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14834		8/23	
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14835	RU8003043		HR
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14836	B7817A1-Bk3	8/27	1727-41 bk
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14837		8/28	
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14838		8/27	
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14839		8/25	
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14840		8/26	
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B7817A1-Bk₃

7727-41

b15

8/27

14841

8/24

14842

8/24

14843

8/26

14844

8/24

14845

8/22

14846

8/24

14847

8/23

14848

14849	B7817A1-Bk ₃	8/23	7727-41 bk
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14850	B723A8-Bk-31-Bk-10-4	9/2	2572
	bk 10/12		

14851	B781A1-Bk-6-1	8/29	7748
-------	---------------	------	------

14852	-2	8/24	
-------	----	------	--

14853	-3	8/24	
✓	pip		

14854	-4	8/29	
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14855	-5	8/27	
-------	----	------	--

14856	B781A1-Bk-11-1	8/30	7753
-------	----------------	------	------

-2

8/25

14857

-3

8/25

14858

-4

8/26

14859

✓
pip

-5

8/26

14860

B781A1-Bk-18-1

7760

8/26

14861

-2

8/27

14862

-3

8/28

14863

-4

8/26

14864

14865

-5

8/27

✓ PIP ↗

bk 10/12

14866

B781A1-Bk-21-1

8/30

7763

14867

-2

8/30

14868

-3

8/29

14869

-4

8/28

14870

-5

8/29

✓ PIP

14871

B781A1-Bk-25-1

8/26

7767

14872

-2

8/29

-3

8/29

14873

-4

8/26

14874

P/P ✓

bnc 10112

-5

8/27

14875

P/P ✓

3781A1-BK-28-1

7770

8/27

14876

-2

8/25

14877

-3

8/27

14878

-4

8/24

14879

P/P ✓

-5

8/27

14880

14881	B781A1-BK-35-1	8/25	7777
-------	----------------	------	------

14882	-2	8/24	
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14883	-3	8/26	
-------	----	------	--

14884	-4	8/24	
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14885	-5	8/25	
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14886	B781A1-BK-36-1	8/25	7778
-------	----------------	------	------

14887	-2	8/26	
-------	----	------	--

14888	-3	8/25	
-------	----	------	--

-4

8/25

14889

-5

8/25

14890

pip[✓]

B781A1-BK-40-1

7782

8/26

14891

-2

8/27

14892

-3

8/30

14893

-4

8/29

14894

-5

8/28

14895

B781A1-BK-45-1

7787

8/26

14896

14897

-2

8/29

✓
P/P

14898

-3

8/30

14899

-4

8/25

✓
P/P

14900

-5

8/27

14901

B781A1 - BK4

8/23

PR 3169-84
b7c

14902

8/17

14903

b7c 10/26

8/19

14904

8/23

B78(A)-Bk4

PR3169-84

b1c

8/24

14905

8/25

14906

8/23

14907

8/22

14908

8/23

14909

8/23

14910

8/22

14911

8/23

14912

14913	B781A1-BK4	8/25	PR 3169-84 bc
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14914		8/21	
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14915		8/25	
-------	--	------	--

14916	OK 10/26	8/22	
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14917		8/26	
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14918		8/23	
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14919		8/23	
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14920		8/18	
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B781A1-Bk₄

PR3169-84

bk

8/21

14921

8/21

14922

8/23

14923

8/23

14924

8/23

14925

8/23

14926

8/23

14927

8/23

14928

14929	B781A1 - Bk4	8/23	PR 3169-84 bk
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14930		8/23	
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14931	LBLE	8/24	HR
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bk 10/12

14932	B781A1 - Bk3	8/27	7790-7800
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14933		8/20	
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14934		8/21	
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14935		8/26	
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14936		8/26	
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B781A1-Bk3

7790-7800

8/28

14937

8/29

14938

8/28

14939

8/25

14940

8/24

14941

8/24

14942

8/24

14943

8/25

14944

14945	B781A1 - Bk 3	8/24	7790-7800
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14946		8/28	
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14947		8/24	
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14948		8/19	
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14949		8/23	
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14950	B723A8 - Bk - 21 - Bk - 4 - 5	9/3	2573
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b7c 10/12

14951	B781A2 - Bk - 1 - 1	8/28	7801
-------	---------------------	------	------

LBNT//9881/331581/3/LBNT/315650

14952	-2	8/28	
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-3

8/28

14953

-4

8/27

14954

p/p ✓

-5

8/26

14955

B781A2-Bx-11-1

7811

8/30

14956

-2

8/29

14957

p/p ✓

-3

8/28

14958

-4

8/28

14959

-5

8/29

14960

p/p ✓

bk 10/12

14961	B781A2-BK-12-1	8/27	7812
-------	----------------	------	------

14962	-2	8/26	
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14963	-3	8/27	
-------	----	------	--

14964	-4	8/27	
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14965	-5	8/27	
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14966	B781A2-BK-13-1	8/27	7813
-------	----------------	------	------

14967	-2	8/30	
-------	----	------	--

14968	-3	8/28	
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-4

8/26

14969

-5

8/27

14970

B781A2-BK-15-1

7815

8/28

14971

✓
PIP

-2

8/28

14972

-3

8/29

14973

-4

8/27

14974

-5

8/28

14975

RU7603015

HR

8/29

14976

bk 1d12

14977	B781A2-BK-17-1	8/28	7817
-------	----------------	------	------

14978	-2	8/29	
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14979	-3	8/25	
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14980	-4	8/29	
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14981	-5	8/25	
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14982	B781A2-BK-18-1	8/31	7818
-------	----------------	------	------

14983	-2	8/27	
-------	----	------	--

14984	-3	8/30	
-------	----	------	--

-4

8/28

14985

-5

9/1

14986

BT81A2-Bk-19-1

7819

8/26

14987

p/p
bk 10/12

-2

8/30

14988

-3

8/27

14989

-4

8/30

14990

-5

8/28

14991

BT81A2-Bk-23-1

7823

8/28

14992

14993

-2

8/28

14994

-3

8/28

14995

-4

8/30

✓

P/1e

14996

-5

8/30

14997

B781A2-BK-24-1

8/30

7824

14998

-2

8/30

14999

-3

8/30

15000

-4

9/2

-5

8/31

15001

✓
pip

bk 10/12

B781A2-Bk-27-1

7827

8/30

15002

-2

8/25

15003

-3

8/25

15004

-4

8/25

15005

-5

8/25

15006

✦ ✦ ✓
pip

bk 10/12

B781A2-Bk-28-1

7828

8/25

15007

-2

8/25

15008

115009

-3

8/27

✓
pip

bk 10/12

115010

-4

8/29

115011

-5

8/24

✓
pip

115012

BBLE

8/31

2544

bk 10/12

115013

B781A2-Bky

8/25

PR3185-99

bk

Early Harvest

115014

8/25

bk 10/26

115015

8/23

115016

8/23

PR 3185-99

bk

8/23

15017

8/23

15018

8/23

15019

8/24

15020

8/24

15021

8/24

15022

8/24

15023

8/23

15024

bk 10/26

15025

8/25

PR 3185-99

b1c

15026

8/26

15027

8/25

15028

8/25

15029

8/23

15030

8/24

15031

8/25

15032

8/26

PR 3185-99

bk

Late harvest

8/25

15033

8/24

15034

8/24

15035

8/23

15036

8/24

15037

8/25

15038

8/25

15039

8/24

15040

15041

8/23

PR3185-99
bk

15042

8/23

15043

LEAH

8/25

26

15044

B781A2-Bk₃

8/26

7833-47
bk

15045

8/18

15046

8/26

15047

8/25

15048

8/26

B781A2-Bk3

7833-47

bk

8/26

15049

8/26

15050

8/24

15051

8/25

15052

8/26

15053

8/24

15054

8/28

15055

8/29

15056

15057	B781A2-Bk3	8/28	7833-47 bk
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15058		8/26	
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15059		8/24	
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15060	L-201	8/17	Biggs
	bk 10/12		

15061	B7937A1-3-1	8/24	9752
	7903157/B723A2-11-4-Bk-2		

15062	-2	8/28	
✓	11p		

15063	-3	8/27	
-------	----	------	--

15064	-4	8/25	
-------	----	------	--

-5

8/26

15065

B7937A1-4 -1

9753

15066

-2

8/26

15067

-3

8/25

15068

-4

8/25

15069

P1e ✓

-5

8/26

15070

B7937A1-5-1

9754

15071

-2

9/1

15072

15073

-3

8/28

15074

-4

8/27

15075

-5

8/25

15076

B7937A1-7-1

8/31

9756

15077

-2

9/3

15078

-3

8/31

15079

-4

8/30

15080

-5

8/31

✓ P/P

9757	B7937A1-8-1	8/31	15081
	-2	9/1	15082
	-3	9/2	15083
	-4	8/29	15084
	-5	8/28	15085
		9/1 [✓]	
9758	B7937A1-9-1	8/28	15086
	-2		15087
	-3	8/25	15088

15089

-4

15090

-5

15091

B7937A1-12-1

8/25

9761

15092

-2

8/25

15093

-3

9/1

15094

-4

8/26

15095

-5

8/29

✓

9/10

15096

B7937A1-14-1

9/1

9763

-2

9/2

15097

-3

9/3

15098

-4

15099

-5

15100

B7937A1-17-1

9766

8/24

15101

p/p ✓

bk 10/12

-2

9/3

15102

-3

8/29

15103

-4

8/28

15104

p/p ✓

bk 10/12

15105	-5	8/29		
15106	B7937A1-20-1	8/27	9769	
15107	-2	8/27		
15108	-3	8/26		
15109	-4	8/26		
✓ P/P				
15110	-5	8/28		
15111	B7937A1-21-1	8/25	9770	
15112	-2	8/17		

-3

8/28

15113

-4

8/27

15114

-5

15115

B7937A1-22-1

9771

8/28

15116

-2

9/7

15117

-3

8/28

15118

-4

15119

-5

8/28

15120

15121	B7937A1-23-1	8/31	9772
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15122	-2	8/31	
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✓
p/p

15123	-3	8/29	
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15124	-4		
-------	----	--	--

15125	-5	9/1	
-------	----	-----	--

15126	LBNT	8/31	28
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bk 10/12

15127	B7937A1-24-1	8/30	9773
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15128	-2	8/28	
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-3

9/3

15129

-4

9/1

15130

-5

8/28

15131

37937A1-26-1

9775

8/25

15132

P/P

-2

8/30

15133

-3

8/30

15134

-4

8/23

15135

-5

9/2

15136

	B7937A1-27-1			
15137		8/28		9776
	-2			
15138		8/27		
	-3			
15139		8/31		
	-4			
15140		9/2		
	-5			
15141		8/29		
	B7937A1-28-1			
15142		8/23		9777
	-2			
15143		8/28		
	-3			
15144		9/1		

-4

8/26

15145

-5

15146

pip ✓

87937A1-30-1

9779

8/30

15147

-2

8/25

15148

-3

8/26

15149

pip ✓

-4

8/24

15150

-5

8/27

15151

pip ✓

NWRX

Br

8/31

15152

bk 10/12

	B7937A1-32-1			
15153		8/25		9781
	-2			
15154		8/27		
	-3			
15155		9/3		
	-4			
15156		8/27		
	-5			
15157		8/29		
	B7937A1-33-1			
15158		8/27		9782
	-2			
15159				
	-3			
15160		9/3		

-4

8/31

15161

P/p[✓]

-5

8/27

15162

B7937A1-35-1

9784

8/24

15163

-2

8/26

15164

P/p[✓]

-3

8/29

15165

-4

8/26

15166

-5

8/28

15167

RU8003005

5

8/18

15168

bk 10/12

B7937A1-Bk-1

15169

8/27

9786-9800

-2

15170

-3

15171

8/31

✓
PIP

-4

15172

8/25

-5

15173

9/1

-6

15174

8/25

-7

15175

8/26

✓
PIP

-8

15176

9/2

9786-9800	B7937A1-BK-9	8/30	15177
	-10	9/2	15178
	-11	8/26	15179
	-12	9/1	15180
	-13	8/27	15181
	-14	8/25	15182
	-15	8/28	15183
	-16	8/27	15184

✓
P/P✓
P/P

B7937A1-BK-17

15185

8/27

9786-9800

-18

15186

8/28

-19

15187

8/27

-20

15188

8/28

-21

15189

8/27

-22

15190

8/31

-23

15191

8/27

-24

15192

8/27

57937A1-BK-25

9786-9800

8/28

15193

-26

8/29

15194

-27

8/29

15195

-28

15196

-29

8/24

15197

-30

8/28

15198

-31

8/30

15199

-32

9/2

15200

Seeded 5/28/82

15201	BT937A1-BK-33	9/1	9786-9800
✓ P/P			
15202	-34	8/28	
15203	-35	8/25	
15204	-36	8/27	
✓ P/P			
15205	-37	8/25	
✓ P/P			
15206	-38	8/27	
15207	-39	8/27	
15208	-40	8/30	

B7937A1-BK-41

9786-9800

8/25

15209

-42

8/27

15210

Pip ✓

-43

8/30

15211

-44

8/30

15212

Pip ✓

-45

8/31

15213

-46

8/30

15214

-47

8/31

15215

Pip ✓

-48

8/24

15216

BT937A1-BK-49

15217

8/25

9786-9800

15218

-50

8/28

✓
p/p

15219

-51

8/30

15220

-52

8/26

15221

-53

8/27

15222

-54

8/26

✓
p/p

15223

-55

8/24

15224

-56

B7937A1-BK-57

9786-9800

15225

RU7901045

45

8/30

15226

bk 10/12

B7937A1-BK-58

9786-9800

8/28

15227

-59

8/29

15228

-60

8/29

15229

✓
P/P

-61

15230

-62

8/26

15231

✓
P/P

-63

15232

15233	B7937A1-BK-64	8/25	9786-9800
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15234	-65	8/27	
-------	-----	------	--

15235	-66	8/28	
-------	-----	------	--

15236	-67	8/27	
-------	-----	------	--

15237	-68	8/26	
-------	-----	------	--

15238	-69	9/1	
-------	-----	-----	--

✓
9/8

15239	-70		
-------	-----	--	--

15240	-71	9/3	
-------	-----	-----	--

B7937A1-Bk-T2

9786-9800

8/29

15241

-73

15242

-74

8/25

15243

P/P ✓

-75

9/2

15244

-76

8/31

15245

-77

15246

-78

8/29

15247

-79

9/3

15248

15249	B7937A1-BK-80	8/31	9786-9800
-------	---------------	------	-----------

15250	RU8003043		HR
-------	-----------	--	----

br 10/12

15251	B7937A1-BK-81	8/28	9786-9800
-------	---------------	------	-----------

15252	-82		
-------	-----	--	--

✓
P/p

15253	-83	8/27	
-------	-----	------	--

15254	-84		
-------	-----	--	--

15255	-85	9/2	
-------	-----	-----	--

15256	-86	8/31	
-------	-----	------	--

✓ P/p

B7937A1-Bx-87

9786-9800

9/2

15257

-88

15258

-89

8/30

15259

-90

8/29

15260

-91

9/3

15261

-92

8/25

15262

-93

8/27

15263

-94

8/28

15264

15265	B7937A1-BK-95	8/31	9786-9800
-------	---------------	------	-----------

✓
P/P

15266	-96	8/27	
-------	-----	------	--

15267	-97	9/3	
-------	-----	-----	--

15268	-98	9/1	
-------	-----	-----	--

15269	-99		
-------	-----	--	--

15270	-100	8/30	
-------	------	------	--

15271	L-201	8/19	Biggs
-------	-------	------	-------

15272	B7937A1-BK3	8/23	PR3321-40 b/c
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PR3321-40

bk

8/24

15273

8/24

15274

8/24

15275

8/26

15276

8/19

15277

8/27

15278

8/26

15279

8/24

15280

15281

8/24

PR3321-40

b11

15282

8/23

15283

8/26

15284

8/23

b11 10/26

15285

8/24

15286

8/25

15287

8/24

15288

8/23

PR 3321-40

bk

8/23

15289

8/25

15290

8/24

15291

8/24

15292

8/24

15293

8/23

15294

8/23

15295

8/19

15296

bk 10/26

15297

8/24

PR3321-40

bK

15298

8/24

bK 10/26

15299

8/23

15300

8/22

15301

BT937A1-BK2

8/27

9786-9800

bK

15302

8/25

15303

8/27

P/P 10/26

15304

8/24

B7937A1 - Bk 2

9786-9800

bk

8/24

15305

8/28

15306

8/26

15307

8/25

15308

8/25

15309

8/24

15310

LEAH

26

8/29

15311

bk 10/12

B7929A1 - 2 - 1

9864

8/30

15312

7502076/7903168

15313	-2	8/30	
15314	-3	9/3	
15315	B7929A1-3-1	8/31	9865
15316	-2	9/2	
15317	-3		
15318	B7929A1-6-1	8/27	9868
15319	-2	8/28	
15320	-3	8/27	

9870 B7929A1-8-1

8/30

15321

-2

8/30

15322

-3

8/27

15323

P/p ✓

9871 B7929A1-9-1

8/30

15324

P/p ✓

-2

8/29

15325

-3

9/3

15326

P/p ✓

9873 B7929A1-11-1

8/29

15327

-2

8/29

15328

15329	-3	8/28		
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15330	B7929A1-12-1	9/2	9874	
-------	--------------	-----	------	--

15331	-2	9/2		
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✓ pip

15332	-3	9/1		
-------	----	-----	--	--

15333	B7929A1-15-1		9877	
-------	--------------	--	------	--

15334	-2	8/31		
-------	----	------	--	--

✓ pip

15335	-3	8/29		
-------	----	------	--	--

15336	B7929A1-16-1	9/1	9878	
-------	--------------	-----	------	--

-2

8/28

15337

-3

8/31

15338

B7929A1-18-1

9881

8/30

15339

-2

8/26

15340

P/P ✓

-3

8/30

15341

B7929A1-19-1

9882

8/23

15342

-2

8/25

15343

-3

8/29

15344

15345	B7929A1-20-1	8/27		9883
✓ PIP				
15346	-2	8/28		
15347	-3	8/26		
15348	B7929A1-21-1	9/1		9884
15349	-2	8/3		
15350	-3	8/29		
15351	LBLE	8/22		HR
bK 10/12				
15352	B7929A1-23-1	8/25		9886

-2

8/23

15353

-3

8/25

15354

B7929A1-24-1

9887

8/31

15355

-2

9/2

15356

P_h ✓

bc 10/12

-3

8/29

15357

B7929A1-25-1

9888

15358

-2

8/27

15359

-3

8/30

15360

15361	B7929A1-27-1	8/29	9890
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✓
P/P
b/c 10/12

15362	-2	8/29	
-------	----	------	--

✓
P/P

15363	-3	8/29	
-------	----	------	--

15364	B7929A1-28-1	8/30	9891
-------	--------------	------	------

15365	-2	8/29	
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15366	-3	8/29	
-------	----	------	--

✓
P/P

15367	B7929A1-29-1	8/29	9892
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15368	-2	8/29	
-------	----	------	--

-3

8/27

15369

B7929A1-31-1

9894

9/3

15370

-2

8/31

15371

-3

8/28

15372

B7929A1-32-1

9895

8/27

15373

-2

8/26

15374

-3

9/1

15375

P/10 ✓

B7929A1-33-1

9896

8/30

15376

15377

-2

9/1

15378

-3

8/30

15379

B7929A1-35-1

8/29

9898

15380

-2

8/29

15381

-3

8/29

✓
e/p

15382

BLMT

9/3

HR

bk 10/12

15383

B7929A1-Bk3

8/24

PR3361-85

bk

15384

8/24

B7929A1-Bk₃

PR3361-85

8/25

15385

8/24

15386

8/24

15387

8/23

15388

8/23

15389

8/23

15390

8/27

15391

8/26

15392

all lodged (none returned)

B7929A1-Bk3

15393

8/23

PR 3361-85

bx

15394

8/24

15395

8/20

15396

8/24

15397

8/24

15398

8/23

15399

8/23

15400

8/25

all lodged (none moved)

B7929A1 - Bk₂

9901-07

15401

15402

15403

15404

p/p 10/26

9/3

15405

8/27

15406

9/3

15407

9/3

15408

15409	B7929A1-Bk ₂	9/3	9901-07
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15410		9/3	
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15411		9/3	
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15412	p/p 10/26		
-------	-----------	--	--

15413		9/3	
-------	--	-----	--

15414			
-------	--	--	--

15415		9/3	
-------	--	-----	--

15416	RU8101007	8/28	7
-------	-----------	------	---

bk 10/12

7851	C635A-3-1	8/25	15417
------	-----------	------	-------

LBLE/7701074

-2

		8/25	15418
--	--	------	-------

-3

		8/25	15419
--	--	------	-------

7855	C635A-7-1		
------	-----------	--	--

		8/25	15420
--	--	------	-------

-2

		8/24	15421
--	--	------	-------

-3

		8/25	15422
--	--	------	-------

✓
Pp

7857	C635A-9-1		
------	-----------	--	--

		8/21	15423
--	--	------	-------

-2

		8/22	15424
--	--	------	-------

15425

-3

8/21

✓ pip

bic 10/12

15426

C635A-12-1

8/22

7860

15427

-2

8/26

15428

-3

8/24

15429

C635A-14-1

8/25

7862

15430

-2

8/24

15431

-3

8/24

15432

C635A-19-1

8/22

7867

-2

8/21

15433

-3

8/22

15434

C635A-24-1

7872

8/25

15435

-2

8/24

15436

-3

8/24

15437

C635A-27-1

7876

8/22

15438

-2

8/22

15439

-3

8/22

15440

15441	C635A-29-1	8/23		1878
✓ pip				
15442	-2	8/25		
15443	-3	8/26		
15444	C635A-31-1	8/23		1880
15445	-2	8/20		
15446	-3	8/21		
✓ pip				
15447	C635A-33-1	8/23		1882
15448	-2	8/23		
✓ pip				

-3

8/23

15449

RU7701074

2570

8/28

15450

C635A-35-1

7884

8/20

15451

-2

8/19

15452

-3

8/18

15453

C635A-40-1

7889

8/25

15454

p/p
bk 10/12

-2

8/19

15455

p/p

-3

8/24

15456

15457	C635A-43-1	8/24	7892
-------	------------	------	------

15458	-2	8/25	
-------	----	------	--

15459	-3	8/23	
-------	----	------	--

✓
v/p

15460	C635A-45-1	8/23	7894
-------	------------	------	------

✓
v/p

15461	-2	8/22	
-------	----	------	--

15462	-3	8/24	
-------	----	------	--

15463	C635A-48-1	8/23	7897
-------	------------	------	------

15464	-2	8/18	
-------	----	------	--

-3

8/18

15465

P/p ✓

7898

C635A-49-1

8/21

15466

-2

8/22

15467

P/p ✓

-3

8/23

15468

7899

C635A-50-1

8/24

15469

-2

8/24

15470

-3

8/24

15471

7902

C635A-53-1

8/24

15472

15473	-2	8/23		
-------	----	------	--	--

15474	-3	8/24		
-------	----	------	--	--

✓
pip

15475	C635A-58-1	8/23	7907	
-------	------------	------	------	--

15476	-2	8/23		
-------	----	------	--	--

15477	-3	8/23		
-------	----	------	--	--

✓
pip
bk 10/12

15478	C635A-61-1	8/25	7910	
-------	------------	------	------	--

15479	-2	8/23		
-------	----	------	--	--

15480	-3	8/23		
-------	----	------	--	--

7913	C635A-64-1	8/21	15481
	-2	8/20	15482
	-3	8/21	15483
28	LBNT	8/29	15484
PR3201-20 bk	C635A-Bk ₃	8/25	15485
		8/26	15486
		8/26	15487
		8/25	15488

15489	C635A - Bk 3	8/25	PR3201-20 bk
15490		8/25	
15491		8/25	
15492	10/26	8/24	
15493	1/8	8/25	
15494		8/25	
15495		8/25	
15496		8/24	

C635A-Bk₃

PR 3201-20

bk

8/22

15497

R/P 10/26

8/24

15498

8/23

15499

8/23

15500

C635A-Bk₂

7915-30

bk

8/28

15501

9/1

15502

8/28

15503

8/30

15504

15505	C635A-Bk ₂	8/29	7915-30 bk
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15506		8/24	
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15507		8/28	
-------	--	------	--

15508		8/27	
-------	--	------	--

15509		8/27	
-------	--	------	--

15510		8/28	
-------	--	------	--

15511		8/28	
-------	--	------	--

15512		8/30	
-------	--	------	--

C635A-BK₂

7915-30

bks

8/23

15513

8/29

15514

8/29

15515

VSTA

81

8/22

15516

bks 10/12

B7923A1-BK-1

9909-19

8/25

15517

7903157/VSTA

-2

8/25

15518

-3

8/24

15519

-4

8/15

15520

P/p ✓

15521	B7923A1-Bk-5	8/21	9909-19
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15522	-6	8/24
-------	----	------

✓
P/P

15523	-7	8/18
-------	----	------

15524	-8	8/27
-------	----	------

15525	-9	8/22
-------	----	------

15526	-10	8/17
-------	-----	------

15527	-11	8/25
-------	-----	------

✓
P/P

15528	-12	8/18
-------	-----	------

✓
P/P

B7923A1-BK-13

9909-19

8/28

15529

-14

8/19

15530

P/P ✓

-15

8/24

15531

-16

8/25

15532

P/P ✓

-17

8/19

15533

P/P ✓

-18

8/14

15534

P/P ✓

-19

8/25

15535

-20

8/26

15536

P/P ✓

B7923A1-BK-21

15537

8/13

9909-19

✓ P/P

-22

15538

8/26

-23

15539

8/23

-24

15540

8/25

✓ P/P

-25

15541

8/24

✓ P/P

-26

15542

8/26

-27

15543

8/21

✓ P/P

-28

15544

8/22

B7923A1-BK-29

9909-19

8/18

15545

-30

8/24

15546

-31

8/14

15547

pip ✓

bk 10/12

-32

8/25

15548

pip ✓

-33

8/16

15549

RU7603015

HR

8/28

15550

B7923A1-BK-34

9909-19

8/24

15551

pip ✓

8/25

15552

15553	B7923A1-BK-35	8/19	9909-19
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✓
P/P

15554	-36	8/18
-------	-----	------

✓
P/P

bk 10/12

15555	-31	8/16
-------	-----	------

15556	-38	8/23
-------	-----	------

15557	-39	8/27
-------	-----	------

15558	-40	8/23
-------	-----	------

✓
P/P

15559	-41	8/26
-------	-----	------

15560	-42	8/22
-------	-----	------

✓
P/P

B7923A1-BK-43

9909-19

8/23

15561

pip ✓

-44

8/23

15562

-45

8/23

15563

-46

8/16

15564

-47

8/25

15565

-48

8/23

15566

pip ✓

-49

8/28

15567

-50

8/26

15568

15569	B7923 A1 - Bk - 51	8/22	9909-19
✓ pip			
15570	-52	8/25	
✓ pip			
15571	-53	8/20	
✓ pip			
15572	-54	8/18	
✓ pip			
15573	-55	8/21	
15574	-56	8/26	
✓ pip			
15575	Toro	9/3	Cro.
	bright orange leaves		
bc 10/12			
15576	B7923 A1 - Bk - 57	8/24	9909-19

B7923A1-Bk-58

9909-19

8/23

15577

-59

8/30

15578

✓
P/P

-60

8/25

15579

-61

8/17

15580

-62

8/24

15581

✓
P/P

-63

8/29

15582

-64

8/20

15583

✓
P/P

-65

8/20

15584

B7923A1-Bk-66

15585

8/25

9909-19

✓
pip

-67

15586

8/23

-68

15587

8/18

-69

15588

8/28

-70

15589

8/25

-71

15590

8/20

-72

15591

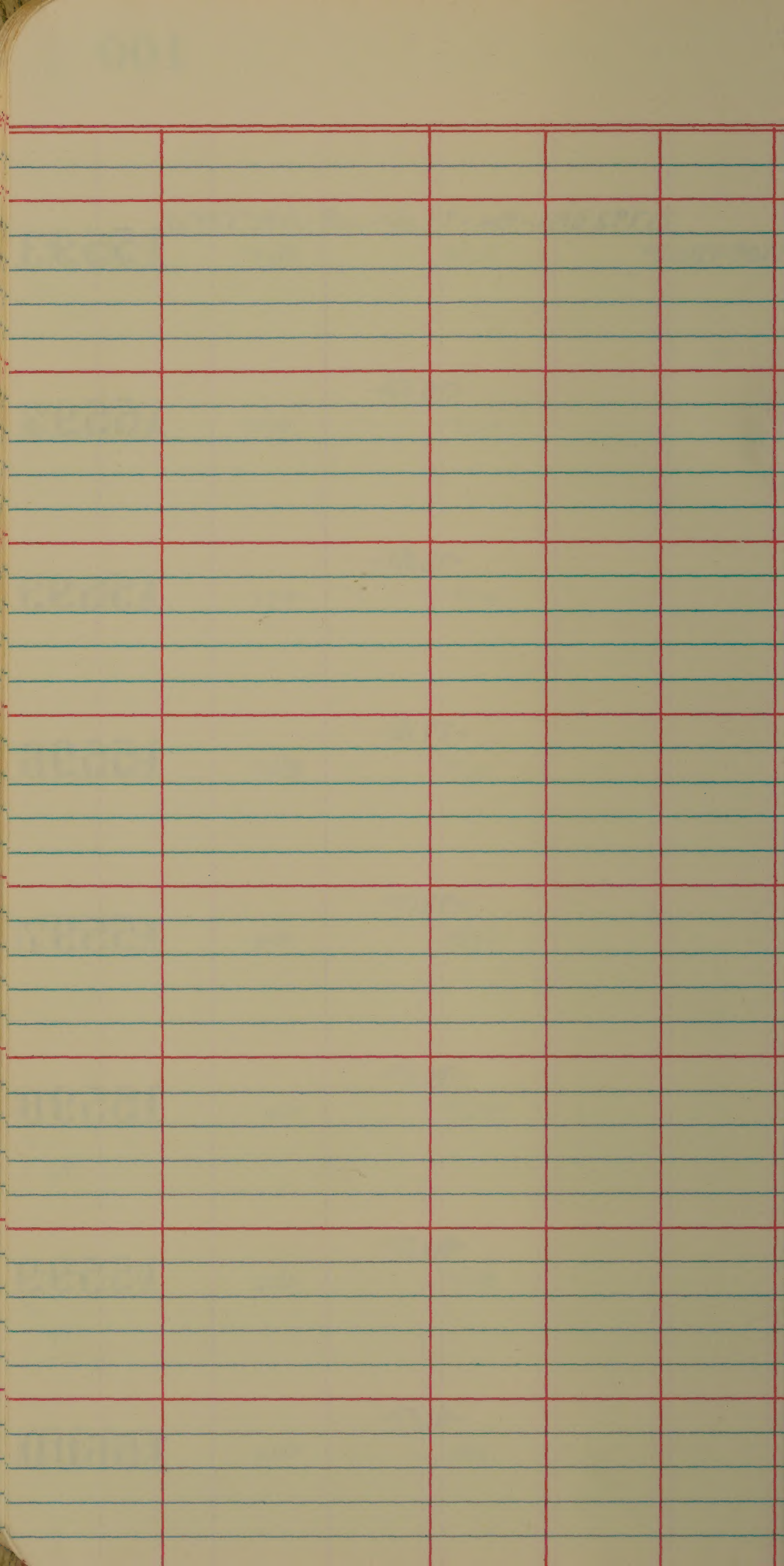
8/18

-73

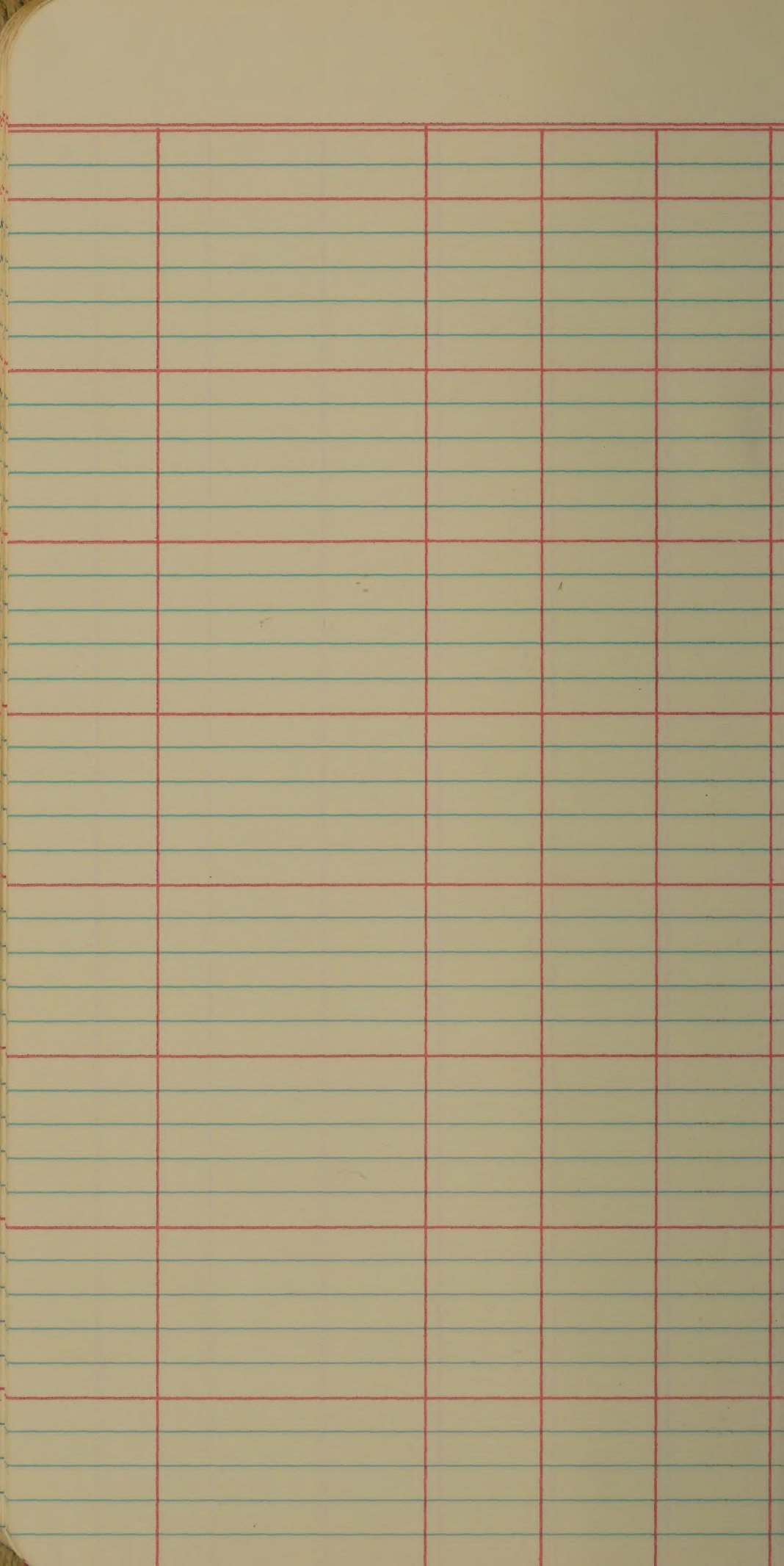
15592

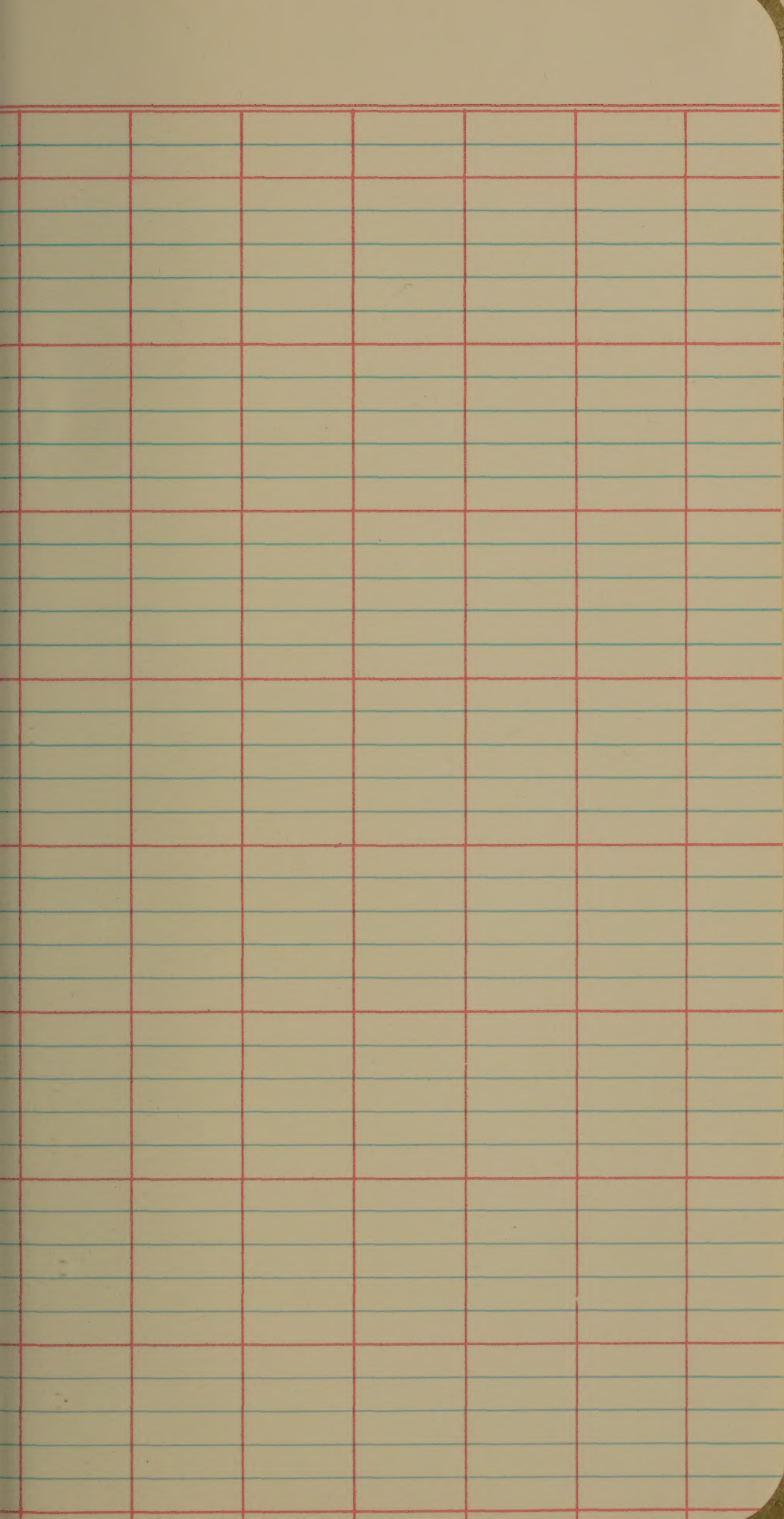
8/22

9909-19	B7923A1-BK-74	8/25	15593
	-75	8/19	15594
	-76	8/21	15595
	-77	8/24	15596
	-78	8/18	15597
	-79	8/19	15598 ✓ tip
	-80	8/22	15599 ✓ tip
	-81	8/20	15600









B786A LBNT//9881/331581/3/7502076

B7810A "

B7812A "

B784A LBNT//9881/331581/3/LBNT/315650

C626A 7603015/7701074

B7817A LBNT//9881/331581/3/LBNT/315650

B781A "

B7937A 7903157/B723A2-11-4-Bk-2

B7929A 7502076/7903168

C635A LBLE/7701074

B7923A 7903157/VSTA

Not headed 8/30

14122	14529	15066	15225	15402
14216	14668	15071	15230	15403
14302	14669	15087	15232	15404
14325	14670	15089	15239	15412
14350	14681	15090	15242	15414
14369	14683	15099	15246	
14371	14684	15100	15250	
14379	14688	15115	15252	
14406	14689	15119	15254	
14407	14698	15124	15258	
14408	14713	15146	15269	
14419	14714	15159	15317	
14421	14715	15170	15333	
14446	14800	15196	15358	
14448	14835	15224	15401	

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

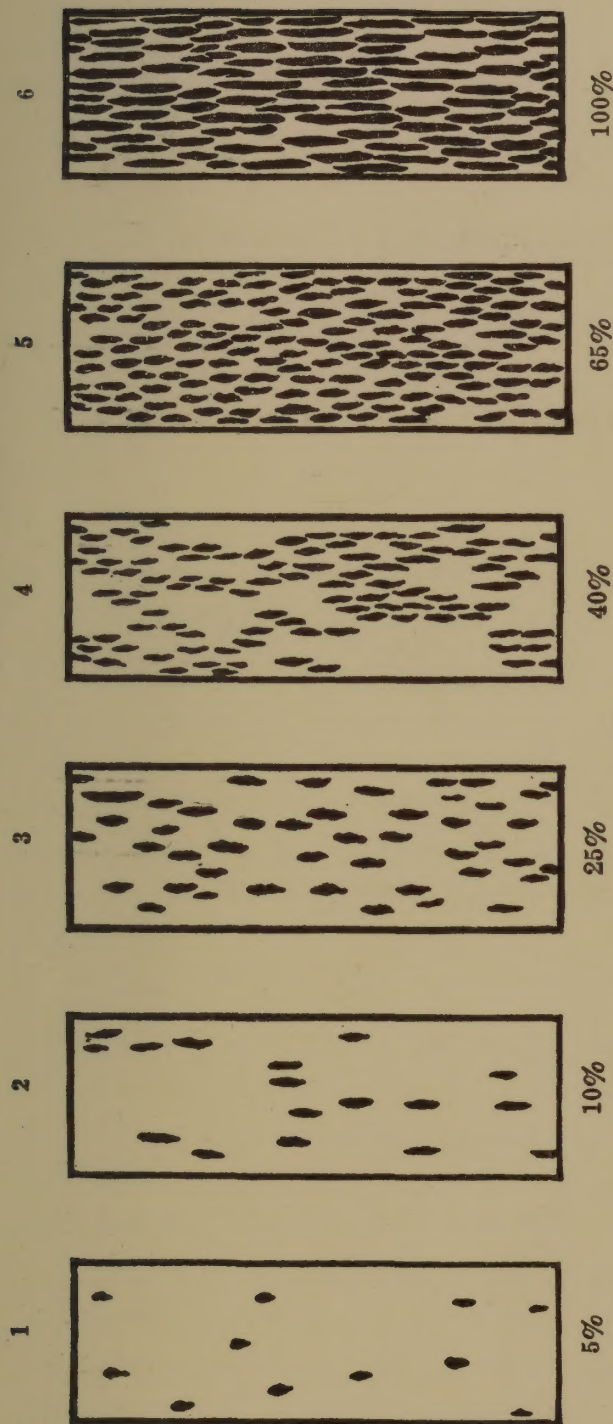
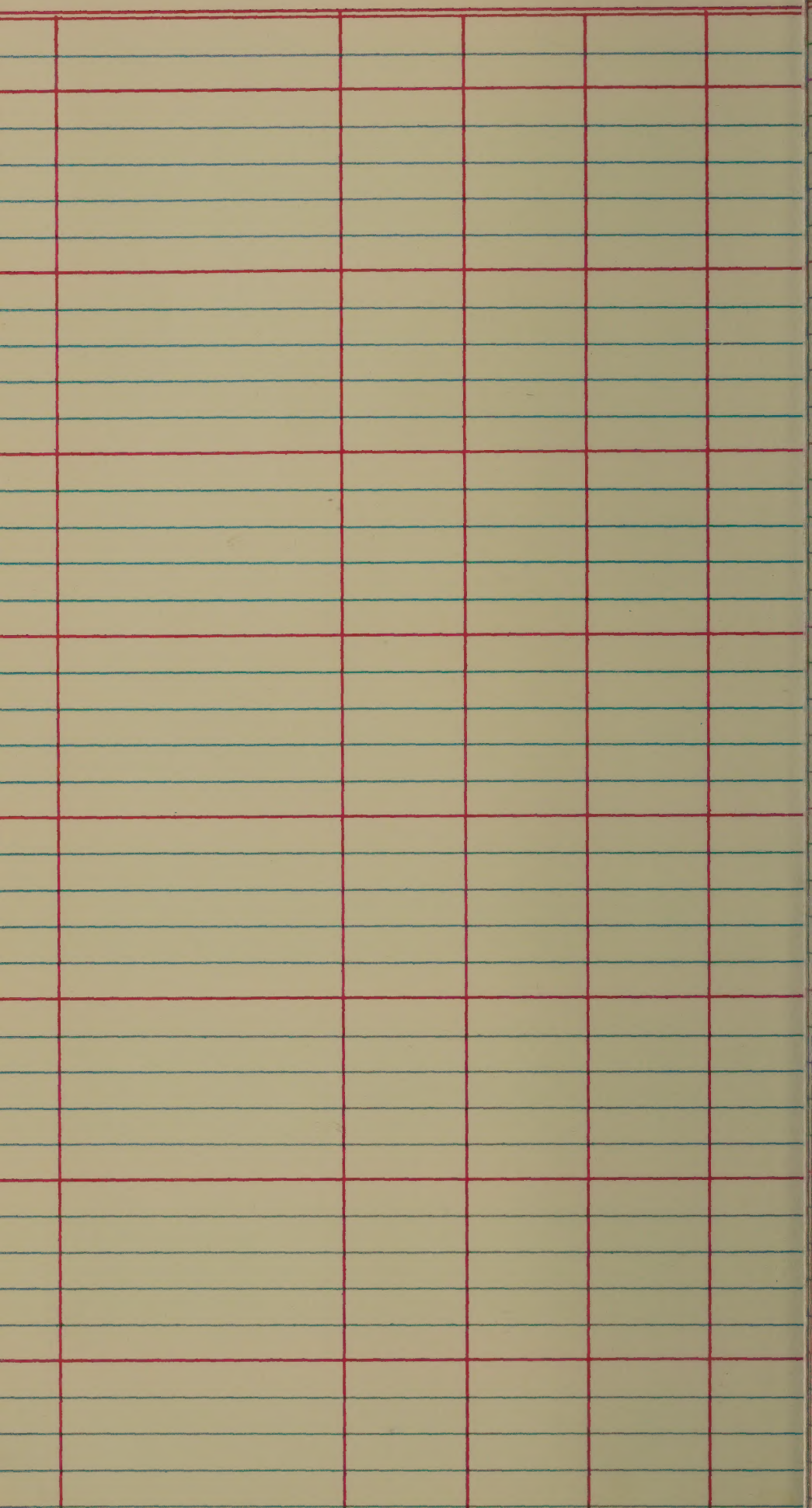


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.





15601	B7923A1-BK-82	8/27	9909-19		
✓ PIP	7903157/VSTA				
	-83				
15602		8/25			
✓ PIP					
	-84				
15603		8/20			
	-85				
15604		8/28			
	-86				
15605		8/24			
	-87				
15606		8/21			
✓ PIP					
	-88				
15607		8/21			
✓ PIP					
	-89				
15608		8/25			

B7923A1-Bk-90

9909-19

8/23

15609

-91

8/28

15610

pip ✓

-92

8/29

15611

pip ✓

-93

8/26

15612

pip ✓

-94

8/28

15613

pip ✓

-95

8/24

15614

-96

8/22

15615

pip ✓

-97

8/25

15616

B7923A1-BK-98

15617

8/23

9909-19

-99

15618

8/23

-100

15619

8/28

-101

15620

8/25

-102

15621

8/28

-103

15622

8/21

-104

15623

8/26

✓ PIP

-105

15624

8/20

✓ PIP

HR

BLMT

9/2

15625

9909-19

B7923A1-Bx-106

8/23

15626

-107

8/25

15627 ✓
9/9

-108

8/24

15628

-109

8/25

15629 ✓
9/9

-110

8/23

15630

-111

8/22

15631

-112

8/27

15632 ✓
9/9

B7923A1-BK -113

15633

8/20

9909-19

-114

15634

8/22

-115

15635

8/24

✓
11p

-116

15636

8/21

-117

15637

8/22

-118

15638

8/27

-119

15639

8/18

-120

15640

8/21

B7923A1-Bk-121

9909-19

8/29

15641

-122

8/17

15642

P/P ✓

-123

8/19

15643

P/P ✓

-124

8/16

15644

-125

8/18

15645

P/P ✓

-126

8/16

15646

-127

8/20

15647

-128

8/21

15648

P/P ✓

BT923A1-BK-129

✓
P/P
15649

8/24

9909-19

NWRX

15650

9/2

Br

BT923A1-BK-130

15651

8/18

9909-19

-131

✓
P/P
15652

8/20

-132

✓
P/P
15653

8/17

-133

✓
P/P
15654

8/19

-134

15655

8/20

-135

15656

8/22

B7923A1-13k-136

9909-19

8/24

15657

-137

8/26

15658

-138

8/23

15659

P/P ✓

bx 10/12

-139

8/17

15660

-140

8/16

15661

-141

8/26

15662

-142

8/18

15663

P/P ✓

-143

8/18

15664

B7923A1-BK-144

15665

8/17

9909-19

-145

15666

8/24

✓
PIP

bx 10/12

-146

15667

8/18

-147

15668

8/20

✓
PIP

-148

15669

8/25

-149

15670

8/20

-150

15671

8/28

-151

15672

8/22

9909-19	B7923A1-BK-152	8/28	15673
	-153	8/20	15674 ✓ PIP
	-154	8/25	15675
	-155	8/21	15676
	-156	8/19	15677 ✓ PIP
	-157	8/27	15678 ✓ P/P
	-158	8/21	15679
41	NATO	8/28	15680

B7923A1

15681

8/16

F,

7903157/VSTA

15682

8/17

15683

8/16

15684

8/16

15685

8/18

15686

8/17

15687

8/16

15688

8/18

B7923A1-

F₁

8/16

15689

8/17

15690

8/15

15691

8/16

15692

8/15

15693

8/16

15694

8/17

15695

8/16

15696

B7923A1

15697

8/18

F,

15698

8/17

15699

8/17

15700

8/15

15701

B7923A1 - Bk₂

8/22

9909-19
bk

15702

8/21

15703

8/21

15704

8/19

Alp 10/26

B7923A1-Bk₂

9909-19

bk

8/22

15705

8/20

15706

8/18

15707

rip 10/26

8/19

15708

8/19

15709

8/18

15710

R07903157

2561

9/3

15711

B7923A1-Bk₃

PR3387-3412

bk

8/17

15712

hand-selected lqts

↓

B7923A1-Bk₃

15713

8/18

PR3387-3412
bk

15714

8/17

15715

8/18

15716

8/18

bk 10/26

15717

8/17

15718

8/18

15719

8/17

15720

8/15

B7923A1-Bk3

PR3387-3412

b/c

8/19

15721

non-selected b/c

8/21

15722

8/20

15723

8/20

15724

8/16

15725

8/18

15726

8/18

15727

8/18

15728

B7923A1-BK3

15729

8/17

PR3387-3412

15730

8/20

15731

8/18

15732

8/18

15733

8/18

15734

8/17

15735

8/15

15736

8/17

B7923A1-Bk₃

PR3387-3412

8/17

15737

8/16

15738

8/16

15739

8/17

15740

8/15

15741

8/16

15742

8/17

15743

8/16

15744

B7923A1-Bk3

15745

8/17

PR3387-3412

bk

15746

8/18

hand-selected
mpts from bk
↓

15747

8/17

15748

8/16

15749

8/17

15750

8/17

15751

8/16

15752

8/16

PR3387-3412	B7923A1-Bk3	8/17	15753	
		8/16	15754	
24	MARS	8/25	15755	bx 10/12
10027	B7921A3-2-1	8/25	15756	
	7903157/MARS			
	-2	8/23	15757	
	-3	8/29	15758	
	-4	8/28	15759	P/P ✓ bx 10/12
	-5	8/28	15760	P/P ✓

B7921A3-3-1

15761

8/23

10028

-2

15762

8/29

-3

15763

8/24

-4

15764

8/25

-5

15765

8/25

✓
P/p
bx 10/12

B7921A3-6-1

15766

8/29

10031

-2

15767

8/30

-3

15768

8/29

-4

8/31

15769

✓
P/P

-5

8/26

15770

B7921A3-7-1

10032

8/23

15771

-2

8/24

15772

✓
P/P

bx 10/12

-3

8/23

15773

-4

8/23

15774

-5

8/18

15775

✓
P/P

bx 10/12

RU8003005

5

8/23

15776

bx 10/12

B7921A3-8-1

15777

8/28

10033

-2

15778

8/28

-3

15779

8/29

-4

15780

8/28

✓
rip

bk 10/12

-5

15781

8/29

B7921A3-9-1

15782

8/25

10034

-2

15783

8/19

-3

15784

8/27

✓
rip

bk 1d12

-4

8/25

15785

-5

8/23

15786

B7921A3-10-1

10035

8/27

15787

-2

8/25

15788

-3

8/25

15789

-4

8/29

15790

✓
8/8

-5

8/25

15791

B7921A3-11-1

10036

8/25

15792

15793

-2

8/25

15794

-3

8/25

15795

-4

8/25

15796

-5

8/25

15797

B7921A3-12-1

8/23

10037

15798

-2

8/23

15799

-3

8/25

15800

-4

8/23

✓
r/p

Seeded 6/2/82

13

10038

B7921A3-13-1

8/20

15801

-2

8/24

15802

pip ✓

-3

8/21

15803

-4

8/22

15804

-5

8/17

15805

np ✓

10039

B7921A3-14-1

8/23

15806

np ✓

bc 10/4

-2

8/24

15807

-3

8/23

15808

15809

-4

8/23

✓
P/P

15810

-5

8/24

✓
P/P

15811

B7921A3-16-1

8/24

10041

✓
P/P

15812

-2

8/26

15813

-3

8/26

15814

-4

8/25

✓
P/P

bk 10/4

15815

-5

8/28

✓
P/P

15816

B7921A3-18-1

8/21

10043

-2

8/24

15817

-3

8/24

15818

pip ✓

bks 10/4

-4

8/25

15819

pip ✓

-5

8/20

15820

37921A3-19-1

10044

8/24

15821

pip ✓

-2

8/23

15822

pip ✓

-3

8/23

15823

-4

8/23

15824

pip ✓

bks 10/4

		-5		
15825		8/24		
✓ p/p				
	RU7603015			
15826		8/28		HR
br 10/4				
	B7921A3-23-1			
15827		8/28		10048
		-2		
15828		8/24		
		-3		
15829		8/29		
✓ p/p				
		-4		
15830		8/26		
		-5		
15831		8/28		
	B7921A3-24-1			
15832		8/23		10049
✓ p/p				

-2

8/23

15833

-3

8/25

15834

↳ P/P

bik 10/4

-4

8/24

15835

-5

8/23

15836

P/P

B7921A3-25-1

10050

8/24

15837

-2

8/28

15838

P/P

-3

8/27

15839

-4

8/28

15840

15841

-5

8/27

15842

B7921A3-29-1

8/24

10054

✓
P/P

15843

-2

8/25

✓
P/P

15844

-3

8/23

15845

-4

8/25

✓
P/P

15846

-5

8/23

15847

B7921A3-31-1

8/24

10056

15848

-2

8/23

✓
P/P

-3

8/23

15849

-4

8/23

15850

-5

8/24

15851

P/P

bx 10/4

LEAH

26

8/26

15852

bx 10/4

B7921A3-32-1

10057

8/23

15853

P/P

-2

8/25

15854

P/P

-3

8/23

15855

-4

8/23

15856

15857	-5	8/23	
15858	B7921A3-35-1	8/25	10060
15859	-2	8/23	
15860	-3	8/25	
15861	-4	8/24	
✓ P/P			
15862	-5	8/24	
✓ P/P			
15863	B7921A3-36-1	8/28	10061
✓ P/P			
15864	-2	8/26	

-3

8/26

15865

-4

8/26

15866

P/P

-5

8/29

15867

P/P ✓

B7921A3-37-1

10062

8/29

15868

★ P/P ✓

b/c 10/4

-2

8/23

15869

★ P/P ✓

b/c 10/4

-3

8/23

15870

-4

8/28

15871

-5

8/22

15872

P/P ✓

B7921A3-38-1

✓
15873

8/28

10063

-2

✓
15874

8/23

P/p

bk 10/4

-3

✓
15875

8/24

P/p

bk 10/4

-4

✓
15876

8/25

-5

✓
15877

8/25

P/p

B7921A3-40-1

✓
15878

8/29

10065

-2

✓
15879

8/25

P/p

-3

✓
15880

8/26

P/p

		-4	8/27	15881	✓ pip
		-5	8/24	15882	
41	NATO		8/24	15883	
10067-76	B7921A3-BK-1		8/23	15884	✓ pip
		-2	8/23	15885	
		-3	8/26	15886	
		-4	8/26	15887	✓ pip
		-5	8/22	15888	bk 1014

B7921A3-BK-6

15889

8/23

10067-76

15890

-7

8/27

✓
P/P

bK 10.14

15891

-8

8/25

✓
P/P

15892

-9

8/24

15893

-10

8/25

15894

-11

8/25

✓
P/P

bK 10.14

15895

-12

8/23

15896

-13

8/21

B7921A3-BK-14

10067-76

8/23

15897

-15

8/25

15898

P/P

bk 1014

-16

8/23

15899

-17

8/25

15900

↑↑

P/P

bk 1014

-18

8/24

15901

-19

8/25

15902

P/P

-20

8/24

15903

P/P

-21

8/25

15904

B7921A3-Bk-22

✓
15905

8/28

10067-76

Plp
bic 10/4

-23

15906

8/25

-24

15907

8/28

-25

✓
15908

8/25

Plp

-26

✓
15909

8/24

★ Plp

-27

✓
15910

8/25

Plp

-28

✓
15911

8/26

Plp

-29

15912

8/25

B7921A3-BK-30

10067-76

8/25

15913

-31

8/25

15914

P/P ✓

-32

8/24

15915

-33

8/24

15916

-34

8/24

15917

P/P ✓

-35

8/24

15918

P/P ✓

-36

8/26

15919

-37

8/24

15920

P/P ✓

bx 10/4

B7921A3-BK-38

✓
P/p
15921

8/25

10067-76

-39

15922

8/26

-40

15923

8/27

-41

15924

8/27

BRAZ

15925

8/24

122

bK 1014

B7921A3-BK-42

15926

8/26

10067-76

-43

✓
P/p
15927

8/26

-44

✓
P/p
15928

8/28

B7921A3 - BK - 45

10067-76

8/24

15929 ✓

☆
f/p
bk 1014

-46

8/29

15930

-47

8/25

15931 ✓

f/p

-48

8/27

15932

-49

8/28

15933 ✓

f/p

-50

8/24

15934 ✓

f/p

bk 1014

-51

8/25

15935

-52

8/28

15936

B7921A3 - BK - 53

15937

8/26

10067-76

✓ ep

bk 10/4

-54

15938

8/26

✓

ep

-55

15939

8/28

bk 10/4

-56

15940

8/24

-57

15941

8/25

-58

15942

8/25

-59

15943

8/27

-60

15944

8/25

✓ ep

B7921A3-BK-61

10067-76

8/23

15945

-62

8/24

15946

-63

8/25

15947

-64

8/25

15948

-65

8/25

15949

R07403025

HR

8/19

15950

b/c 10/4

B7921A3-BK-66

10067-76

8/21

15951

-67

8/26

15952

B7921A3-BK-68

15953

8/26

10067-76

✓ pip

15954

-69

8/25

15955

-70

8/25

✓ pip

15956

-71

8/25

15957

-72

8/23

✓ pip

bx 10/4

15958

-73

8/29

✓ pip

15959

-74

8/23

15960

-75

8/27

✓ pip

B7921A3-Bk-76

10067-76

8/25

15961

P/P ✓

bk 10/4

-77

8/29

15962

P/P ✓

-78

8/25

15963

P/P ✓

-79

8/25

15964

-80

8/26

15965

-81

8/24

15966

P/P ✓

-82

8/21

15967

P/P ✓

-83

8/24

15968

B7921A3-Bk-84

✓
pip
15969

8/21

10067-76

-85

✓
pip
15970

8/24

-86

15971

8/23

-87

✓
pip
15972

8/25

-88

✓
pip
15973

8/24

-89

15974

8/25

LBLE

15975

8/21

HR

bk ?

B7921A3-Bk-90

15976

8/20

10067-76

BT921A3-BK-91

10067-76

8/25

15977 ✓

P/p

-92

8/23

15978

-93

8/25

15979 ✓

P/p

bk 10/4

-94

8/28

15080

-95

8/25

15981

-96

8/18

15982

-97

8/21

15983

-98

8/26

15984

B7921A3-BK-99

15985

8/20

10067-76

✓
P/p

-100

15986

8/23

-101

15987

8/24

✓
P/p

bk 10/4

-102

15988

8/25

-103

15989

8/19

-104

15990

8/23

-105

15991

8/24

✓
P/p

-106

15992

8/24

✓
P/p

B7921A3-BK-107

10067-76

8/24

15993

-108

8/25

15994

-109

8/24

15995

P/P ✓

-110

8/27

15996

P/P ✓

-111

8/27

15997

P/P ✓

-112

8/27

15998

-113

8/21

15999

-114

8/28

16000

P/P ✓

BK 1014

B7921A3 - Bk - 115

16001

8/27

10067-76

✓ P/p

bk 10/4

-116

16002

8/23

-117

16003

8/24

✓ P/p

-118

16004

8/24

-119

16005

8/24

✓ P/p

bk 10/4

-120

16006

8/23

✓

P/p

-121

16007

8/24

-122

16008

8/25

✓ P/p

B7921A3-BK-123

10067-76

8/23

16009

p/p ✓

-124

8/17

16010

-125

8/23

16011

-126

8/23

16012

p/p ✓

-127

8/23

16013

p/p ✓

-128

8/25

16014

p/p ✓

-129

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16015

-130

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16016

p/p ✓

B7921A3-BK-131

16017

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10067-76

16018

-132

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✓
P/P

16019

-133

8/23

16020

-134

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✓ P/P

bk 1014

16021

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16024

-138

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✓ P/P

bk 1014

8003043

HR-1001

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16025

bk 10/4

B7921A3-BK-139

10067-76

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16026

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16027

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p/p ✓

bk 10/4

-143

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16 30

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16031

p/p ✓

bk 10/4

-145

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16032

B7921A3 - Bk - 146

16033

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10067-76

-147

16034

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-148

16035

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✓
P/P

-149

16036

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✓
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-151

16038

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16040

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B7921A3-Bk-154

10067-76

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16041

-155

8/24

16042

Pip ✓

-156

8/23

16043

Pip ✓

-157

8/25

16044

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16045

-159

8/23

16046

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16047

-161

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16048

Pip ✓

B7921A3-BK-162

16049

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10067-76

✓
PIP

LBNT

16050

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bx 10/4

B7921A3-BK-163

16051

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10067-76

-164

16052

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✓
PIP

bx 10/4

-165

16053

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16054

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16055

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✓
PIP

bx 10/4

-168

16056

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B7921A3 - Bk-169

10067-76

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16057

-170

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16058

P/P ✓

-171

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16059

-172

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16060

-173

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16061

P/P ✓

-174

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16062

P/P ✓

bK 10/4

-175

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16063

-176

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16064

B7921A3 - BK - 177

16065

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10067-76

-178

16066

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-179

16067

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✓
pip

-180

16068

8/24

✓
pip

-181

16069

8/27

-182

16070

8/25

✓
pip

-183

16071

8/23

✓
pip

BK 10/4

-184

16072

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B7921A3-BK-185

10067-76

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16073

-186

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16074

VSTA

81

8/17

16075

B7921A3-BK-187

10067-76

8/20

16076

-188

8/22

16077

rip ✓

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16078

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16079

rip ✓

-191

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16080

B7921A3 - Bk - 192

16081

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10067-76

✓
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-193

16082

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✓
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16083

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16084

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16085

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bk 10/4

-197

16086

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16087

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-199

16088

8/24

✓
p/p

10067-76	B7921A3-BK-200	8/23	16089
55	M302	8/18	16090
F ₁	B7921A3	8/20	16091
			bk ?
		8/23	16092
		8/21	16093
		8/23	16094
		8/21	16095
		8/23	16096

B7921A3

16097

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F₁

16098

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16100

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16101

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16104

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B7921A3

F₁

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16106

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16108

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16109

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16110

MARS

24

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16111

B7921A3-Bk3

PR 3414-39

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16112

B7921A3-Bk 3

161113

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PR 3414-39

161114

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161115

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161119

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161120

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B7921A3-BK3

PR3414-39

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16121

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16123

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P/P 16/19

B7921A3-BK3

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PR3414-39

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P/P 10/19

B7921A3-Bk3

PR3414-39

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PR3414-39

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16151

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15001

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16152

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B7710A2-Bk-4-1

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16157

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bk 10/18

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16160

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16162

B7710A2-BK-5-1

15005

16163

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16164

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16165

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16166

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16167

B7710A2-BK-7-1

15007

16168

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16169

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16170

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16171

B7710A2-BK-8-1

15008

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16172

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16173

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16174

P/p ✓

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16175

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BK 10/18

-5

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16176

LBNT

16177

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bK 10/18

B7710A2-BK-10-1

16178

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15010

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16180

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16181

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16182

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✓

P/p

B7710A2-BK-11-1

16183

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15011

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16185

P/P

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16186

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8/30

16187

BTT10A2-BK-12-1

15012

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16188

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16189

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16190

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16191

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16192

B7710A2-BK-13-1

16193

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15013

✓
Pip

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16194

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16197

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B7710A2-BK-14-1

16198

15014

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16199

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16200

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16201

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8/31

16202

B7710A2-Bk-17-1

15017

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16203

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16204

P/P ✓

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16205

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16207

B7710A2-Bk-19-1

15019

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16208

P/P ✓

16209

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16210

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16211

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16212

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16213

BT710A2-BK-20-1

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16214

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16215

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16216

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16217

BT710A2 - Bk-22-1

15022

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16218

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16219

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16220

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16221

p/p

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-5

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16222

PI 331581

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16223

bk 10/18

BT710A2 - Bk-23-1

15023

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16224

16225

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16226

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16227

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16228

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✓

pp

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16229

BT710A2-BK-24-1

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15024

16230

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✓

pp

16231

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16232

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-5

9/1

16233

PIP ✓

BT710A2-BK-25-1

15026

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16234

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16235

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16236

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9/3

16238

BT710A2-BK-26-1

15027

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16239

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16240

PIP ✓

BK 10/18

16241

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16242

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16244

B7710A2-BK-28-1

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15029

16245

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P/P

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16246

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16248

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16249

BT710A2 - Bk - 29 - 1

15030

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16250

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16251

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8/31

16252

rip

-4

9/2

16253

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16254

BT710A2 - Bk - 30 - 1

15031

16255

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16256

rip

bnc 10/8

16257

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16258

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16259

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16260

B7710A2-BK-32-1

15033

16261

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16262

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16263

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✓
PP
bk 10/18

16264

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15034

BT710A2-Bk-33-1

9/2

16265

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16267

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16268

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16269

15037

BT710A2-Bk-36-1

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16270

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16271

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16272

16273

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16274

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16275

RU8003043

HR

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16276

B7710A2-BK-37-1

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15038

✓
P/p

16277

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16278

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16279

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16280

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15039

B7710A2-BK-38-1

16281

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16282

P/p
bk 10/18

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16283

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16284

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16285

15040

B7710A2-BK-39-1

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16286

P/p

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16287

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16288

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16291

B7710A2-BK-41-1

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15042

16292

-2

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✓
Pp

16293

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16294

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16296

B7710A2-BK-42-1

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15043

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16297

P₁₇ ✓

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16298

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16299

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16300

B7710A2-BK₂-1

15045-64

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16301

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16302

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16303

P₁₇ ✓

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16304

BT710A2-Bk₂-5

16305

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15045-64

16306

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✓ P/P

16307

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16308

-8

8/28

16309

-9

8/28

16310

-10

9/1

✓ P/P

16311

-11

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16312

-12

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B7710A2 - Bk₂ - 13

15045-64

9/1

16313

P/P ✓

-14

8/31

16314

P/P ✓

-15

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16315

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16316

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16317

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16318

P/P ✓

-19

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16319

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16320

B7710A2 - Bk₂ - 21

16321

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15045-64

-22

16322

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✓
Plp

bic 10/18

-23

16323

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16324

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✓
Plp

RU7901045

16325

8/29

45

B7710A2 - Bk₂ - 25

16326

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15045-64

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16327

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16328

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B7710A2-Bk₂-28

15045-64

9/1

16329

-29

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16330

-30

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16331

P/P ✓

-31

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16332

P/P ✓

-32

9/2

16333

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16334

-34

9/2

16335

P/P ✓

-35

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16336

B7710A2-Bx₂-36

16337

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15045-64

16338

-37

9/3

16339

-38

8/30

✓
P/P

16340

-39

9/3

16341

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16342

-41

9/2

✓
P/P
bx 10/18

16343

-42

16344

-43

8/31

B7710A2-Bk₂-44

15045-64

16345

-45

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16346

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16347

✓
up

-47

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16348

-48

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16349

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HR

8/29

16350

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B7710A2-Bk₂-49

15045-64

8/29

16351

-50

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16352

✓
P/P

BT710A2-Bk₂-51

16353

15045-64

16354

-52

8/29

✓
pip

bk 10/18

16355

-53

8/31

✓
pip

16356

-54

8/31

16357

-55

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16358

-56

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✓

pip

16359

-57

8/30

16360

-58

8/31

B7710A2-Bx₂-59

15045-64

8/29

16361

-60

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16362

-61

8/31

16363

-62

9/1

16364

✓

P/P

bk 10/18

-63

16365

-64

8/31

16366

-65

16367

-66

16368

16369	B7710A2-Bk ₂ -67	8/30	15045-64
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16370	-68		
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16371	-69	9/1	
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✓
PIP
bk 10/18

16372	-70	8/31	
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✓
PIP
bk 10/18

16373	-71		
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16374	-72		
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16375	RU8101007	8/25	7
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16376	B7710A2-Bk ₂ -73	9/1	15045-64
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BT710A2 - Bk₂ - 74

15045-64

8/25

16377

✓
P/p

-75

16378

-76

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16379

-77

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16380

-78

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16381

✓
P/p

-79

16382

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16383

-81

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16384

B7710A2-Bk₂-82

16385

15045-64

-83

16386

8/30

-84

16387

-85

16388

8/30

✓

Plp

bk 10/18

-86

16389

-87

16390

8/31

✓

Plp

-88

16391

9/2

✓

Plp

-89

16392

8/30

B7710A2-B_K₂-90

15045-64

8/30

16393

-91

9/1

16394

-92

16395

-93

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16396

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16397

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16398

-96

16399

-97

16400

B7710A2-Bk₂-98

16401

9/1

15045-64

-99

16402

7/2

-100

16403

8/28

-101

16404

8/31

-102

16405

-103

16406

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-104

16407

-105

16408

B7710A2 - Bk₂-106

15045-64

16409

-107

9/2

16410

-108

8/25

16411

-109

9/3

16412

p/p ✓

-110

16413

-111

8/27

16414

p/p ✓

-112

9/1

16415

-113

8/31

16416

p/p ✓

BT710A2-Bk₂-114

16417

8/27

15045-64

-115

16418

9/3

-116

16419

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16420

9/1

✓
P/P

-118

16421

-119

16422

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-120

16423

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✓
P/P

-121

16424

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16425

BT710A2-BK2-122

15045-64

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16426

-123

16427

✓
P/P

-124

16428

-125

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-127

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16431

✓
P/P

-128

8/31

16432

✓
P/P

B7710A2-Bk₂-129

16433

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15045-64

✓ PIP

-130

16434

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✓ PIP

-131

16435

-132

16436

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16438

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16439

8/30

-136

16440

9/2

✓ PIP

BT710A2-BK₂-137

15045-64

16441

-138

16442

-139

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16443

PIP[✓]

-140

16444

-141

16445

-142

16446

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16447

-144

16448

PIP[✓]

B7710A2 - Bk₂ - 145

16449

15045-64

BLMT

16450

9/1

HR

bK 10/18

B7710A2 - Bk₃

16451

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15045-64

bK

16452

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16453

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P/A 10/26

16454

16455

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16456

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B7710A2-Bk₃

15045-64

bk

8/29

16457

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16458

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16459

p/p 10/26

16460

16461

16462

16463

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16464

16465		9/3	15045-64
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16466	L-201	7/21	Biggs
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16467	BTTIDA2-BK4	8/29	PR3441-65 bk
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16468		8/29	
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16469		8/29	
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16470		8/30	
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16471		8/29	
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16472		8/31	
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B7710A2-Bxy

PR3441-65

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16473

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16474

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16476

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16477

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16478

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16479

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16480

BT710A1-BK4

16481

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PR3441-65

bk

16482

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16483

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16484

P/P 10/19

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16485

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16486

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BT710A1 - Bk4

PR3441-65
bk

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16489

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16490

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16491

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16492

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16495

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16496

Seeded 6/2/82

16497	B7710A1-Bx4	8/27	PR3441-65
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16498		8/31	
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16499		8/26	
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16500		9/2	
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16501	B7720A1-	8/24	11897
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16502		8/28	
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16503		8/25	
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16504			
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16505

B7720A1-7-4-2-1

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16506

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16507

P/P

bk 10/28

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16508

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16509

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16510

B7720A1-9-4-3-1

11909

82/839

8/24

16511

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8/24

16512

16513

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16514

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✓

Plp
bk 10/28

16515

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16516

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16591

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16604

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16609	BTT20A2-Bk-41-1 -2-4-1	8/21	14014
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16610	-2	8/19	
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16611	-3	8/21	
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16612	-4	8/22	
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16613	-5	8/22	
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16614	BTT20A2-Bk-41 -2-1-1-1	8/22	14016
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16615	-2	8/22	
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16616	-3	8/22	
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16625	BT720A2-Bk-41-3-Bk-4-1	8/22	14030
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16626	-2	8/22	
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16627	-3	8/21	
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16628	-4	8/21	
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16629	-5	8/22	
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16630	BT720A2-Bk-41-4-5-1	8/22	12008
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16631	-2	8/22	
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16632	-3	8/22	
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16666

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16671

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16674

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16687

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16692

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16701

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16702

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16706

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B7720A2-BK-52-1-2-3-1

16707

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16709

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BT120A2-BK-52-4-4-1

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16724

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16732

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16742

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16745

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16751

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16752

16753	Melrose	8/26	351
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16754	B7720A2-BK-62-1-2-1	8/27	12055
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16755	-2	8/24	
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16756	-3	8/26	
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16757	-4	8/24	
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16758	-5	8/24	
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16759	B7720A2-BK-65-1-1-1-1	8/24	14089
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16760	-2	8/24	
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16761

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16763

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16769	B7720A2-BK-65-3-5-1	8/25	12061
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16770	-2	8/27	
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16771	-3	8/25	
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16772	-4	8/26	
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16773	-5	8/26	
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16774	S-201	8/18	90
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16775	B7720A2-BK-65-3-2-1-1	8/22	14099
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16776	-2	8/18	
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BT720A2-BK-65-3-2-4-1

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16780

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16784

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BT720A2-BK-72-4-3-1

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16800

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16809

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16811

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16814

BT720A2-BK-82-1-3-1

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16819

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16820

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14109

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16826

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16827

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16835

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16843

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16857

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16858

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16859

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16861

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16862

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16863

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16864

16865		-5	8/25	
16866	m-9		8/17	126
16867	B7819A2-		8/27	10352
16868			8/24	
16869			8/26	
16870	B7819A2-2-2-3-1		8/22	10358
16871		-2	8/22	
✓ 16872		-3	8/22	

10370	B7819A2-2-3-5-1	8/26	16873
	-2	8/24	16874 ✓ P/P
	-3	8/26	16875
10374	B7819A2-4-4-1	8/24	16876
	-2	8/24	16877
	-3	8/24	16878 ✓ P/P
10391	B7819A2-7-5-1	8/27	16879 ✓ P/P
	-2	8/25	16880 b1c 10/28

16881	-3	8/29			
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16882	B7819A2-8-4-1	8/21	10395		
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16883	-2	8/22			
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16884	-3	8/22			
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16885	B7819A2-15-2-1-1		10406		
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16886	-2				
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16887	-3				
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16888	B7819A2-15-3-1-1	9/1	10411		
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16889

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16892

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16893

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16896

16897	B7819A2-18-3-1	8/22	10434
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16898	-2	8/22	
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16899	-3	8/22	
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16900	B7819A2-20-5-1	8/27	10441
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16901	-2	8/25	
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16902	-3	8/25	
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16904	-2	8/24	
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16905

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10443

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16906

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16907

PIP

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16908

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10444

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16909

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16910

PIP

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16911

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16912

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16914

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16925

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16927

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16928

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16929	8/21			
✓ pip				
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16930	8/20			
16931	8/23		10484	
16932	8/23			
16933	8/23			
16934	8/25		10489	
16935	8/25			
16936	8/23			

10490	B7819A2-38-1-1	8/22	16937
	-2	8/23	16938
	-3	8/22	16939 ✓ P/P
10491	B7819A2-38-2-1	8/20	16940
	-2	8/15	16941 ✓ P/P
	-3	8/21	16942
10494	B7819A2-38-5-1	8/22	16943
	-2	8/18	16944 ✓ P/P

16945	-3	8/23		
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16946	BTS19A2-39-4-1	8/21	10498	
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16947	-2	8/24		
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16948	-3	8/20		
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16949	BTS19A2-39-5-1	8/25	10499	
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16950	-2	8/21		
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16951	-3	8/25		
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16952	BRAZ-x2-1	8/21	32	
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10517	B7819A2-45-3-1	8/23	16953
	-2	8/23	16954
	-3	8/23	16955 Pip ✓
10522	B7819A2-47-3-1	8/23	16956
	-2	8/21	16957
	-3	8/23	16958 Pip ✓
10523		8/23	16959
		8/25	16960

16961

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16962

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16963

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16964

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16965

B7819A2-48-Bk-5-1

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10530

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16967

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✓ Pip

16968

B7819A2-50-3-1

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10538

✓ Pip

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16969

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16976

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16977		8/27		162
16978		8/29		10548
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16980		9/2		
16981	B7819A2-53-Bk-1-1	8/29		10552
16982	-2	8/27		
16983	-3	8/25		
✓ P/R				
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16986

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16989

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16991

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10582

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16996

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10584

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16997

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16998

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16999

Aichi Asahi

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10591

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17001

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17002

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17003

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17004

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17006

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17008

17009	8/22		
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17012	-3 8/19		
17013	8/20	10613	
17014	8/22		
17015	8/23		
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17017

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17018

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fip

B7819A2-86-5-1

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17020

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17021

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fip

10629

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17022

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17023

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17024

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✓ PIP

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17031		8/24	
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17032		8/22	10640
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17048		8/23	

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17049

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17051

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B7819A2-116-3-1

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17055

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17062

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17071

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17072

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17074

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17080

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17081

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17082

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17085

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17086

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17113

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17124	8/20	HR
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17136

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17142

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17146

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17147

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17152

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17175

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10773

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17177

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17184

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✓ P18			
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17187		8/26	10787
17188		8/29	
17189		8/27	
17190	B7819A2-BK-89-1	9/2	10797
17191	-2	8/26	
17192	-3	8/24	
✓ P18			

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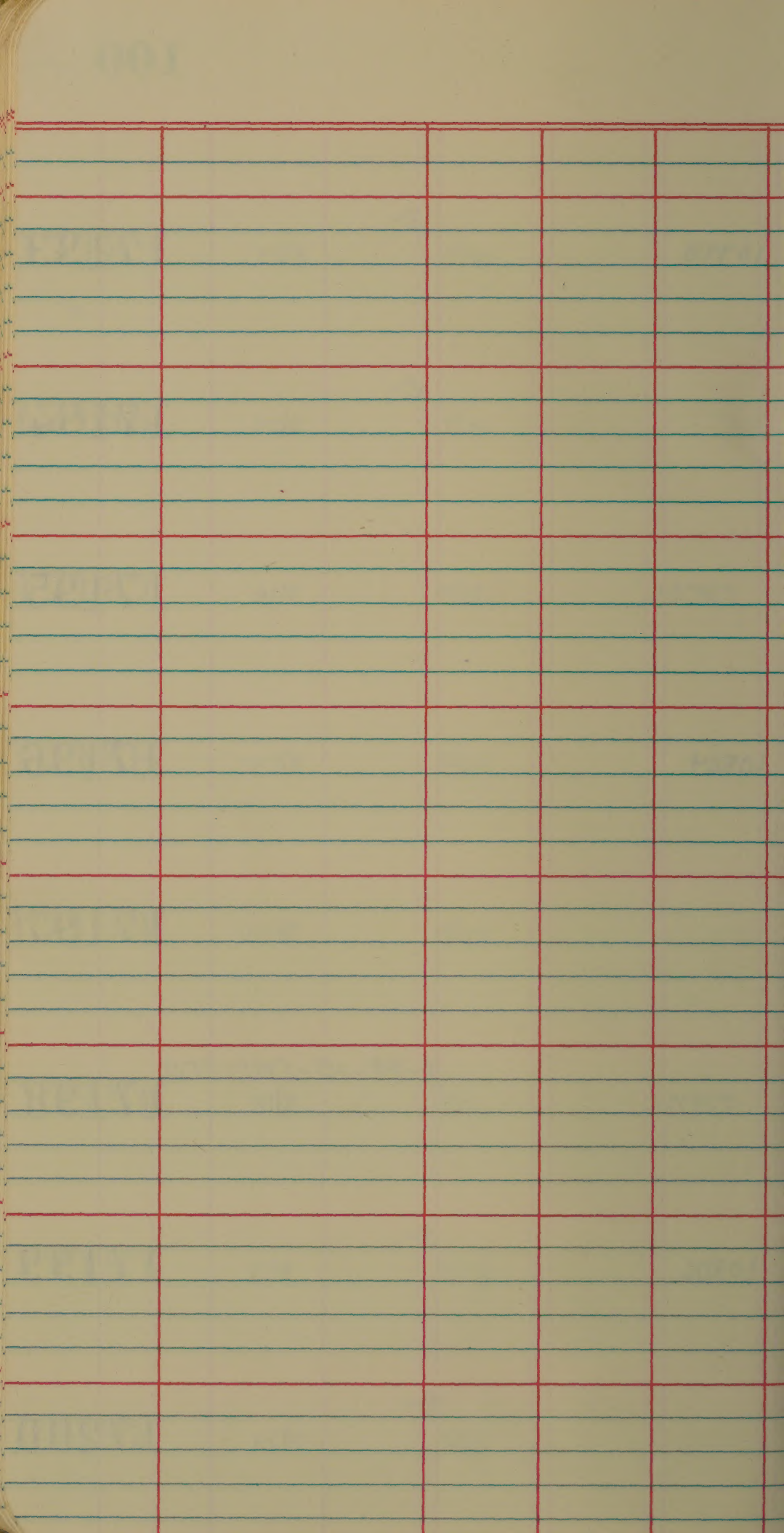
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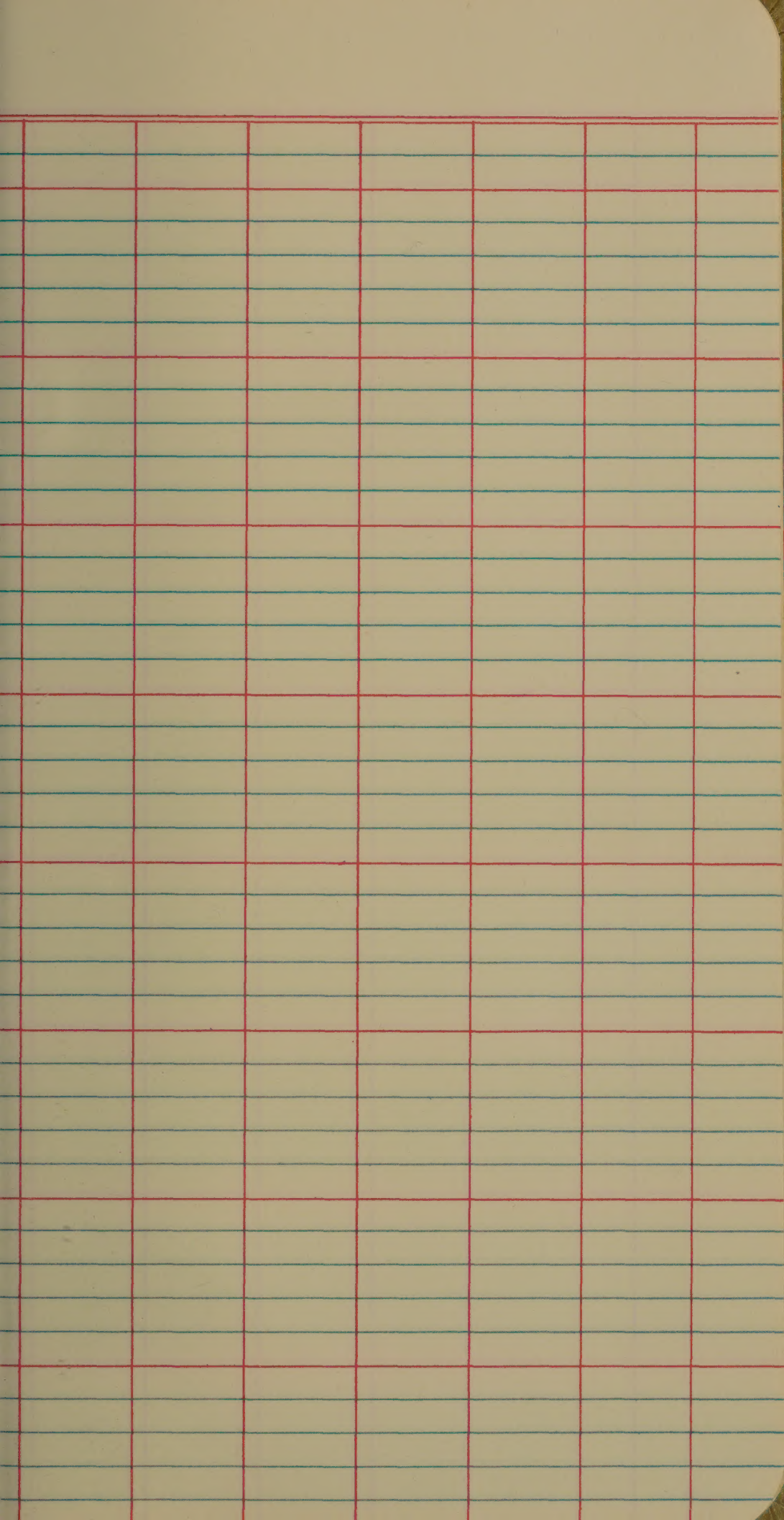
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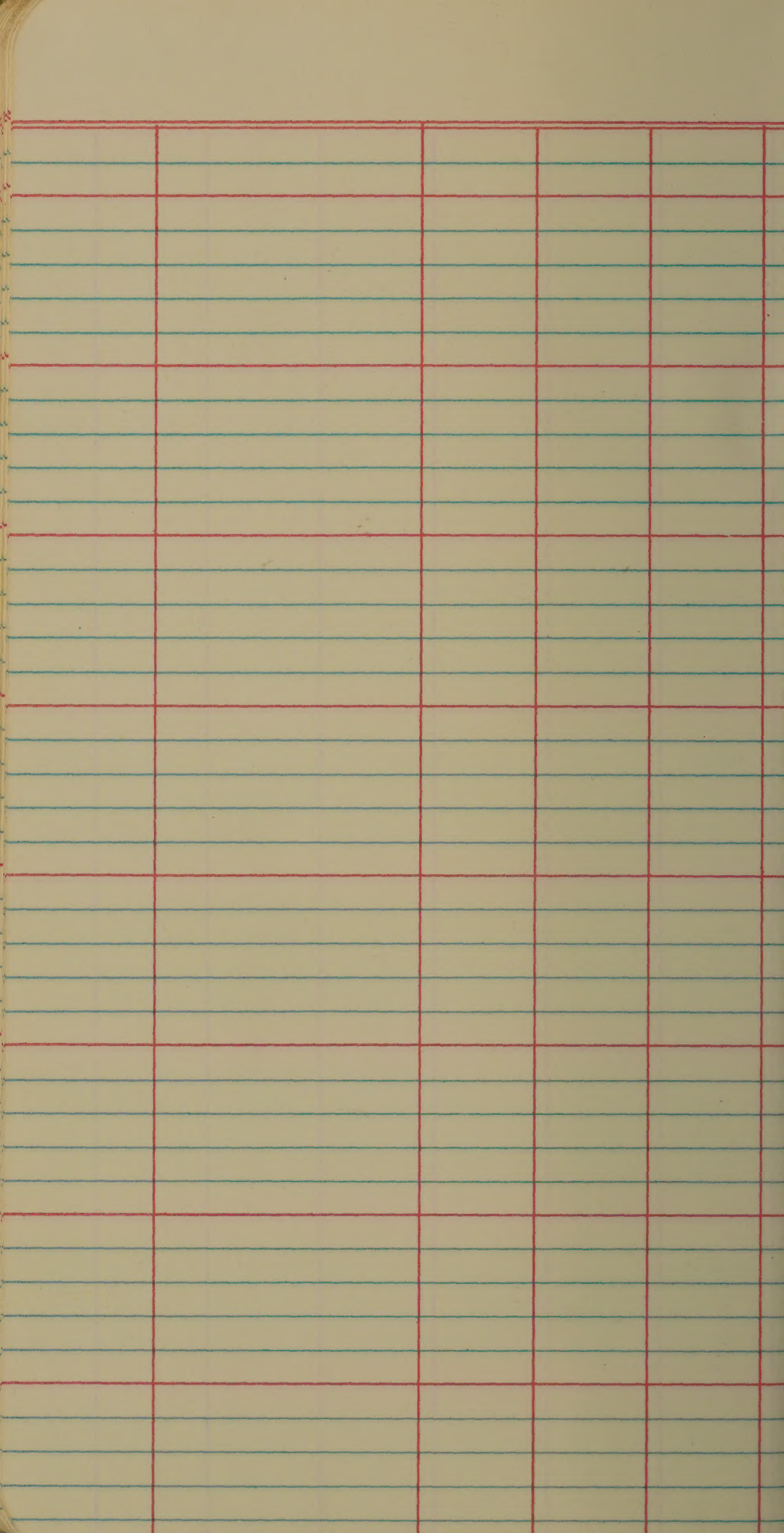
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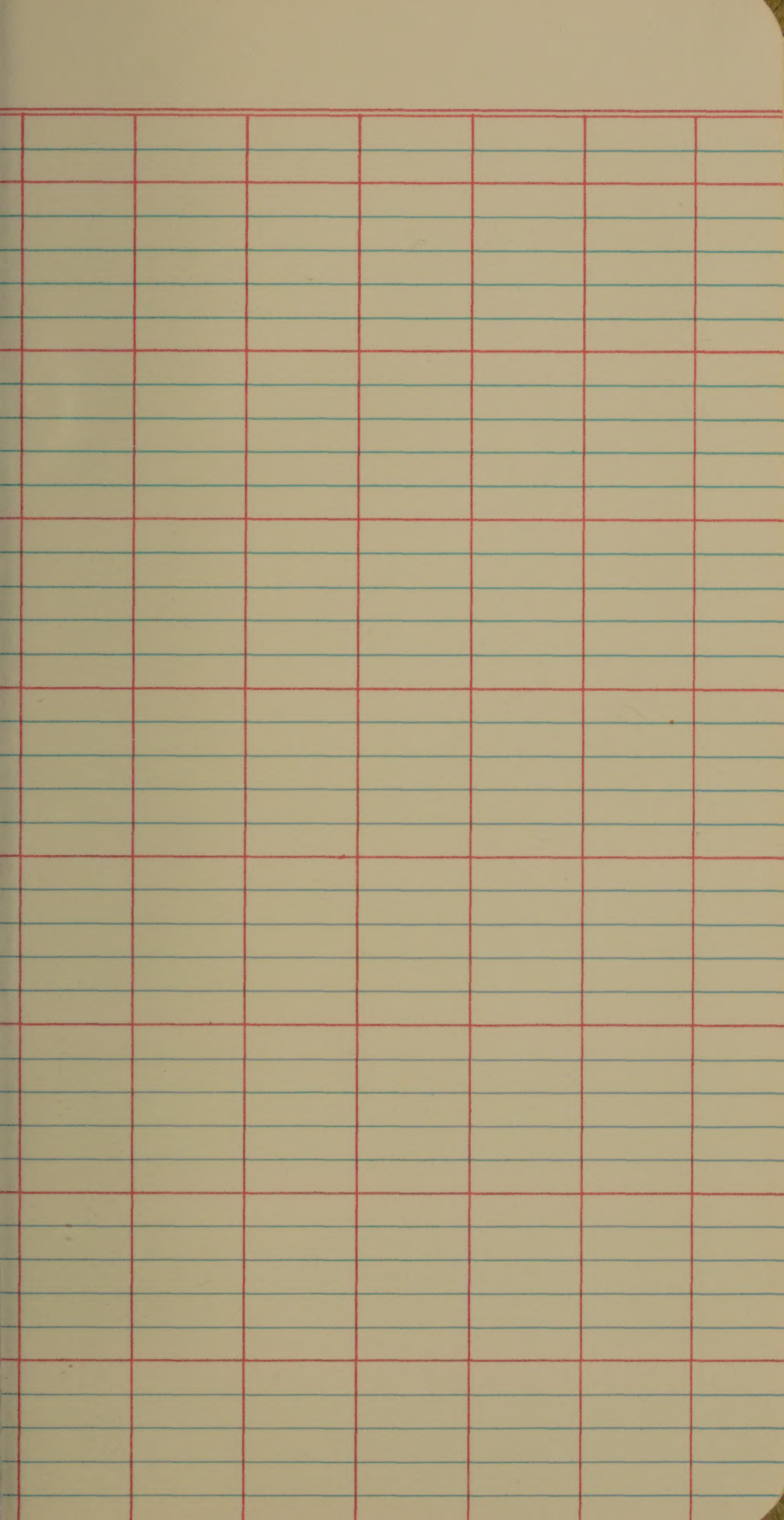
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B7921A 7903157/MARS

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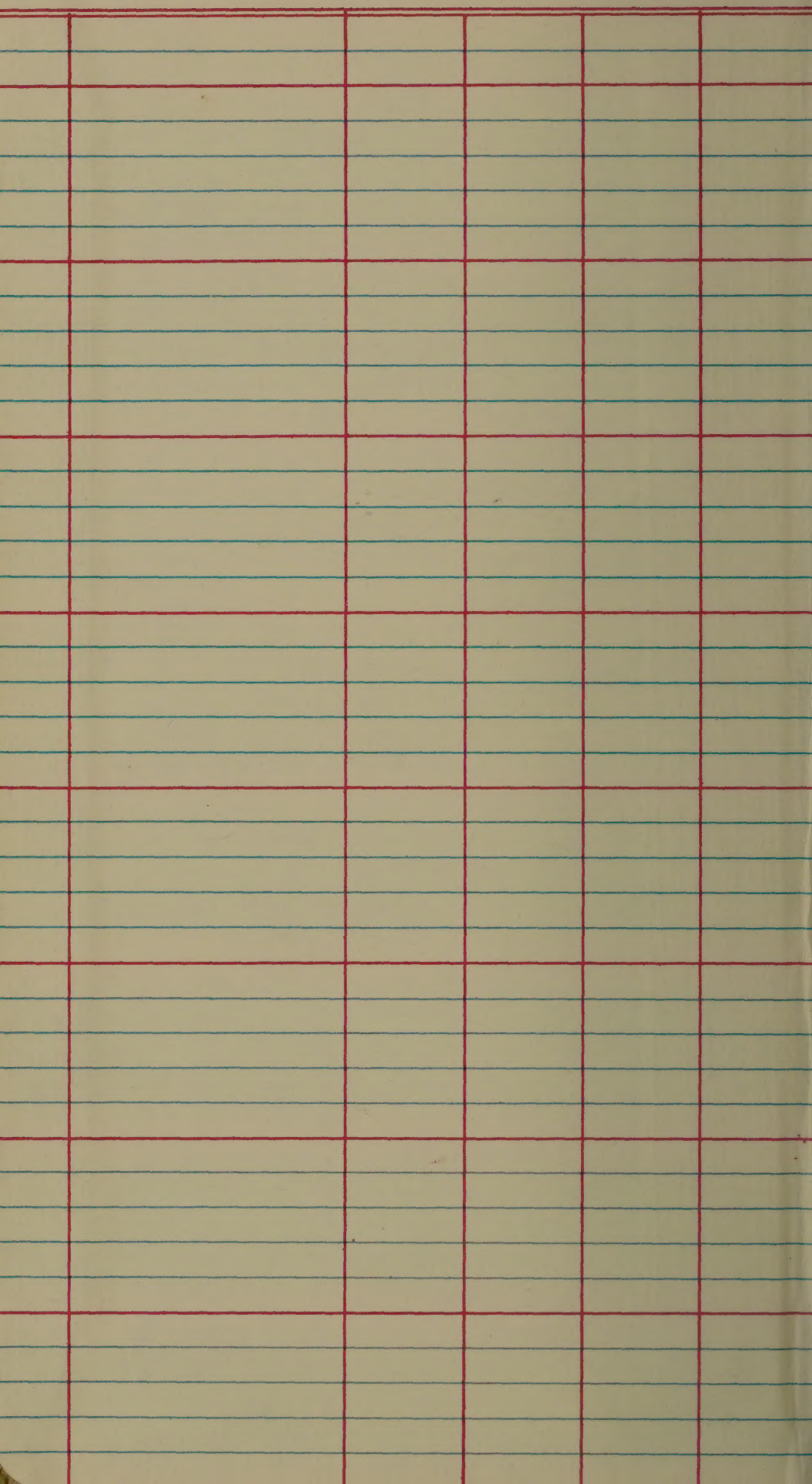
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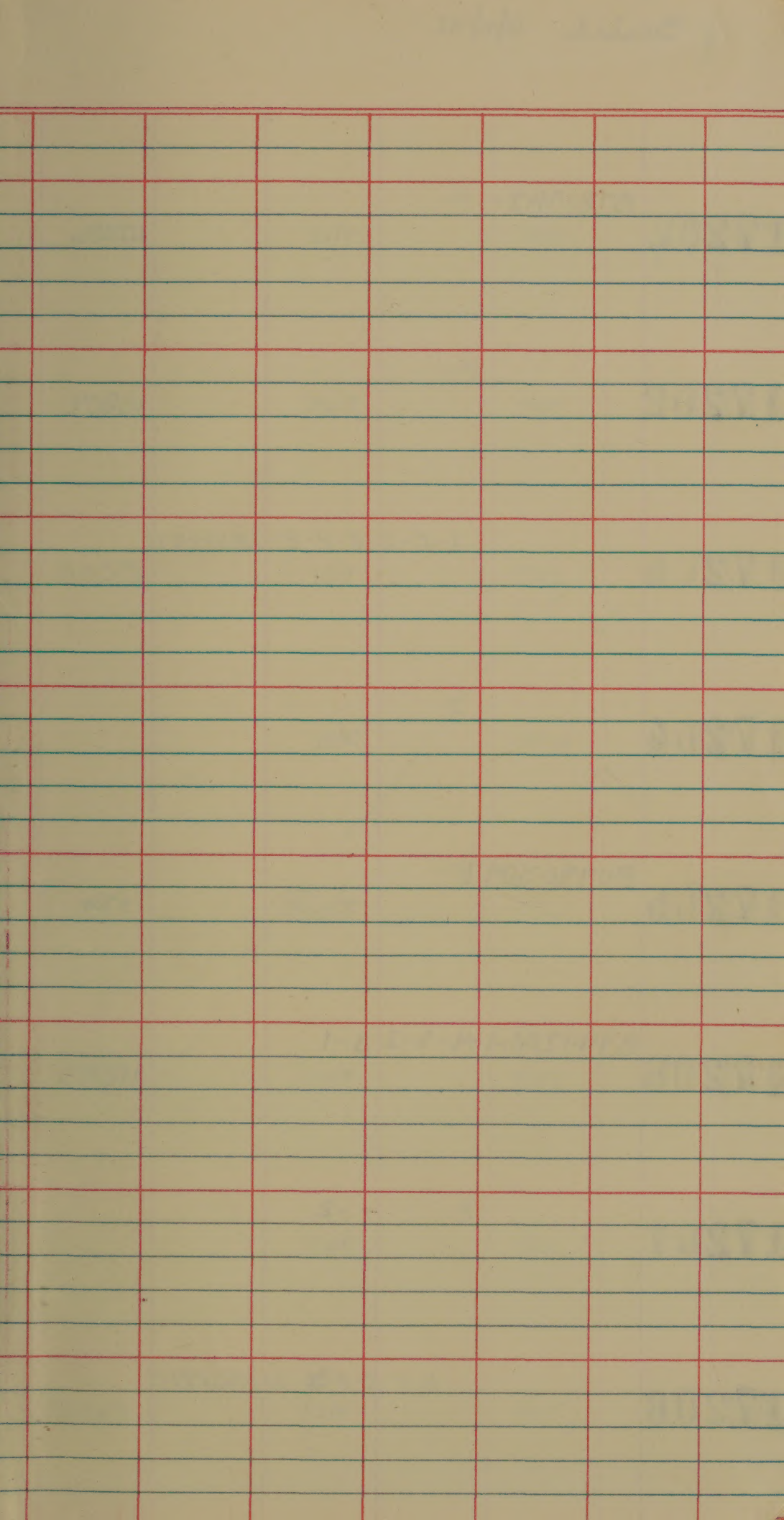
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16164	16281	16398	16727
16165	16282	16399	16807
16166	16283	16400	16885
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16170	16287	16408	16999
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16237	16365	16437	
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17202		8/25		10809
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-4

8/23

17872

17873

-5

8/24

17874

CI 9545

8/26

2525

b/c

17875

BT439A2-119-4-3-4-5-1

8/24

11832

17876

-2

8/24

17877

-3

8/25

max
b/c 10/13

17878

-4

8/23

17879

-5

8/23

17880

BT439A2-121-2-3-3-4-1

8/22

11836

-2

8/22

17881

-3

8/22

17882

-4

8/24

17883

-5

8/24

17884

B7439A2-121-4-3-3-5-1

11842

8/23

17885

-2

8/23

17886

-3

8/23

17887

bx 10/13

-4

8/24

17888

17889

-5

8/21

17890

B7439A2-124-4-2-5-4-1

8/23

11846

17891

b7c 10/13

-2

8/22

17892

-3

8/22

17893

-4

8/22

17894

-5

8/22

17895

B7439A2-127-4-3-3-5-1

8/28

11852

82/836

17896

-2

8/29

-3

8/22

17897

-4

8/27

17898

-5

8/23

17899

BT439A2-134-1-3-2-2-1

11855

8/22

17900

82/837

-2

8/21

17901

-3

8/21

17902

-4

8/20

17903

-5

8/21

17904

BT439A2-134-4-1-4-4-1

17905

8/25

11862

82/1312

-2

17906

8/25

-3

17907

8/24

-4

17908

8/23

bx 10/13

-5

17909

8/24

BT439A2-137-2-3-1-3-1

17910

8/23

11866

-2

17911

8/23

-3

17912

8/23

☆
shot; mix

bx 10/13

-4

8/23

17913

-5

8/23

17914

B7439A2-138-2-3-4-4-1

11872

8/25

17915

-2

8/28

17916

-3

8/29

17917

-4

8/28

17918

-5

8/27

17919

B7439A2-138-5-2-3-2-1

11876

8/17

17920

17921

-2

8/17

17922

-3

8/17

17923

-4

8/17

17924

-5

8/17

17925

B7439A2-145-5-2-1-4-1

8/19

11883

82/838

17926

-2

8/18

17927

-3

8/18

17928

-4

8/19

-5

8/17

17929

BT439A2-145-5-2-5-4-1

11888

8/17

17930

-2

8/18

17931

-3

8/18

17932

*Early start**by 10/13*

-4

8/18

17933

-5

8/17

17934

BT439A2-147-3-1-4-1-1

11890

8/25

17935

-2

8/28

17936

17937

8/27

-3

17938

8/27

-4

17939

8/28

-5

17940

RU7803060

8/29

2522

17941

B7822A1-BK-1-1

8/21

10831

RU7803060/BRAZ-X2-1

17942

-2

8/17

17943

-3

8/21

17944

B7822A1-BK-2-1

8/19

10832

bK 10/13

(max include plot
17940 by error in
discrepancy)
(df)

Don't!!

✓
elp

-2

8/20

17945

-3

8/23

17946

pip ✓

BT822A1-BK-3-1

10833

8/20

17947

-2

8/19

17948

-3

8/18

17949

pip ✓

bx 10/28

10836

9/1

17950

8/28

17951

8/29

17952

17953	B7822A1-Bk-8-1	8/25	10838	
✓ P/P				
17954	-2	8/17		
17955	-3	8/19		
17956	B7822A1-Bk-14-1	8/23	10844	
✓ P/P				
17957	-2	8/23		
17958	-3	8/20		
17959	B7822A1-Bk-15-1	8/25	10845	
17960	-2	8/24		
✓ P/P				

-3

8/29

17961

10853

8/23

17962

8/17

17963

8/21

17964

B7822A1-Bk-27-1

10858

8/18

17965

P/P

-2

8/23

17966

-3

8/21

17967

B7822A1-Bk-29-1

10860

8/18

17968

	-2		
✓ 17969 PIP	8/16		
	-3		
17970	8/21		
17971	B7822A1-BK-32-1 8/19	10863	
✓ 17972 PIP	-2 8/21		
17973	-3 8/18		
✓ 17974 PIP	B7822A1-BK-34-1 8/23	10865	
17975	-2 8/22		
17976	-3 8/24		

32

BRAZ-XZ-1

8/22

17977

10868

B7822A1-BK-37-1

8/25

17978

P/p ✓

-2

8/25

17979

-3

8/24

17980

10872

B7822A1-BK-41-1

8/22

17981

-2

8/19

17982

P/p ✓

-3

8/23

17983

10874

B7822A1-BK-43-1

8/23

17984

		-2			
17985			8/24		
✓ 8/1					
		-3			
17986			8/25		
17987	B7822A1-Bk-48-1		8/20		10880
✓ 8/1					
		-2			
17988			8/23		
		-3			
17989			8/21		
17990			8/24		10881
17991			8/24		
17992			8/23		

10888	B7822A1-BK-56-1	8/22	17993	P/1 ✓
-------	-----------------	------	-------	-------

	-2	8/23	17994
--	----	------	-------

	-3	8/21	17995
--	----	------	-------

10895	B7822A1-BK-63-1	8/26	17996
-------	-----------------	------	-------

	-2	8/22	17997
--	----	------	-------

	-3	8/23	17998	P/1 ✓
--	----	------	-------	-------

10909	B7822A1-BK-77-1	8/22	17999
-------	-----------------	------	-------

	-2	8/23	18000	P/1 ✓
--	----	------	-------	-------

	-3	8/21		
18001				
18002		8/19	10910	
18003		8/22		
18004		8/20		
18005	RU7903048	8/26	2521	
	br 10/28			
18006	B7927A1-3-1	8/21	10080	
	flp			
	RU7903048/RU7903053			
18007	-2	8/21		
18008	-3	8/20		

-4

8/20

18009

-5

8/21

18010

p/p

B7927A1-4-1

10081

8/23

18011

-2

8/23

18012

-3

8/21

18013

-4

8/22

18014

-5

8/19

18015

p/p

bx 10/28

B7927A1-5-1

10082

8/23

18016

18017

-2

8/23

18018

-3

8/23

✓
PIP

b/c 10/28

18019

-4

8/23

18020

-5

8/23

18021

B7927A1-6-1

8/23

10083

✓

PIP

18022

-2

8/17

18023

-3

8/24

18024

-4

8/24

-5

8/25

18025

B7927A1-7-1

10084

8/25

18026

-2

8/24

18027

p/p ✓

-3

8/29

18028

-4

8/24

18029

-5

8/24

18030

10087

8/18

18031

8/19

18032

18033

8/26

18034

8/25

18035

8/20

18036

B7927D1-11-1

8/22

10088

✓
PIP
18037

-2

8/22

18038

-3

8/22

WT_T
18039

-4

8/22

WT_M
18040

-5

8/22

WT_M

10089	B7927A1-12-1	WT	8/22	18041
	-2		8/24	18042
				P/p
	-3		8/24	18043
	-4		8/24	18044
	-5		8/23	18045
10090	B7927A1-13-1		8/24	18046
	-2		8/22	18047
	-3		8/22	18048
				P/p

18049

-4

8/23

18050

-5

8/22

18051

LA110

8/25

162

18052

B7927A1-14-1

8/23

10091

18053

-2

8/21

18054

-3

8/23

18055

-4

8/19

18056

-5

8/22

10092	B7927A1-15-1	8/21	18057
	-2	8/17	18058
	-3	8/24	18059
	-4	8/24	18060
	-5	8/23	18061
10094	B7927A1-17-1	8/24	18062
	-2	8/24	18063
	-3	8/24	18064

18065	-4	8/24	
18066	-5	8/23	
18067		8/23	10096
18068		8/24	
18069		8/22	
18070		8/19	
18071		8/24	
18072	B7927A1-20-1	8/24	10097

-2

8/24

18073

P/P

-3

8/25

18074

-4

8/26

18075

-5

8/23

18076

19/53

R07903053

8/28

18077

10099

B7927A1-22-1

8/24

18078

P/P

-2

8/24

18079

-3

8/24

18080

18081	-4	8/24		
18082	-5	8/25		
18083	B7927A1-37-1	8/23		10114
18084	-2	8/24		
18085	-3	8/25		
18086	-4	8/23		
18087	-5	8/24		
18088		8/24		10117

8/23

18089

8/25

18090

8/24

18091

8/29

18092

10/21

8/24

18093

8/24

18094

8/24

18095

8/24

18096

18097	B7927A1-45-1	8/23	10122
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18098	-2	8/24	
-------	----	------	--

18099	-3	8/24	
-------	----	------	--

18100	-4	8/23	
-------	----	------	--

✓ flip

18101	B7935A1-1-1	8/25	10145
-------	-------------	------	-------

18102	-2	8/25	
-------	----	------	--

18103	-3	8/22	
-------	----	------	--

18104	B7935A1-3-1	8/20	10147
-------	-------------	------	-------

-2

8/25

18105

P/P ✓

-3

8/25

18106

B7935A1-7-1

10151

8/23

18107

-2

8/22

18108

-3

8/24

18109

P/P ✓

B7935A1-8-1

10152

8/21

18110

-2

8/30

18111

-3

8/17

18112

P/P ✓

18113		8/18	10153
-------	--	------	-------

18114		8/20	
-------	--	------	--

18115		8/21	
-------	--	------	--

18116	B7935A1-10-1	8/23	10154
-------	--------------	------	-------

18117	-2	8/23	
-------	----	------	--

18118	-3	8/23	
-------	----	------	--

✓
P/P

18119	B7935A1-12-1	8/21	10156
-------	--------------	------	-------

18120	-2	8/22	
-------	----	------	--

-3

8/22

18121

P/p ✓

B7935A1-13-1

10157

8/24

18122

P/p ✓

-2

8/25

18123

-3

8/24

18124

BRAZ

122

8/23

18125

B7935A1-16-1

10160

8/23

18126

P/p ✓

-2

8/23

18127

-3

8/21

18128

18129	B7935A1-17-1	8/25	10161
-------	--------------	------	-------

18130	-2	8/23	
-------	----	------	--

✓
P/P

18131	-3	8/23	
-------	----	------	--

18132	B7935A1-19-1	8/24	10163
-------	--------------	------	-------

18133	-2	8/25	
-------	----	------	--

18134	-3	8/26	
-------	----	------	--

18135	B7935A1-21-1	8/23	10165
-------	--------------	------	-------

✓
P/P

18136	-2	8/21	
-------	----	------	--

-3

8/24

18137

B7935A1-23-1

10167

8/19

18138

P/P ✓

-2

8/20

18139

-3

8/20

18140

B7935A1-24-1

10168

8/19

18141

P/P ✓

-2

8/23

18142

-3

8/20

18143

10170

8/23

18144

18145		8/21		
18146		8/23		
18147		8/20	10171	
18148		8/23		
18149		8/22		
18150	RU7803097	8/31	174	
	bxc 10/28			
18151	B7935A1-29-1	8/24	10173	
	✓ 9/p			
18152	-2	8/24		

-3

No plants

18153

B7935A1-30-1

10174

8/19

18154

-2

8/18

18155

P18 ✓

-3

8/19

18156

B7935A1-31-1

10176

8/21

18157

P18 ✓

-2

8/23

18158

-3

8/21

18159

B7935A1-32-1

10177

8/23

18160

18161

-2

8/23

✓
PIP

18162

-3

8/18

18163

8/18

10/81

18164

8/21

18165

8/21

18166

B7935A1-37-1

8/19

10/82

✓
PIP

18167

-2

8/23

18168

-3

8/22

B7935A1-42-1

10187

8/23

18169

-2

8/18

18170

-3

8/28

18171

10189

8/19

18172

Pubescent

8/25

18173

8/20

18174

M-9

126

8/16

18175

B7935A1-46-1

10191

8/29

18176

18177	-2	9/3		
-------	----	-----	--	--

18178	-3	8/26		
-------	----	------	--	--

✓ P/P

18179	B7935A1-48-1	8/20	10193	
-------	--------------	------	-------	--

✓ P/P

18180	-2	8/23		
-------	----	------	--	--

18181	-3	8/23		
-------	----	------	--	--

18182	B7935A1-49-1	8/25	10194	
-------	--------------	------	-------	--

18183	-2	8/24		
-------	----	------	--	--

18184	-3	8/23		
-------	----	------	--	--

✓ P/P

10196

8/24

18185

8/25

18186

8/26

18187

10205

B7935A1-60-1

8/26

18188

P/P

-2

8/22

18189

-3

8/22

18190

10212

B7935A1-67-1

9/4

18191

-2

8/28

18192

P/P

18193	-3	8/25	
18194	B7935A1-68-1	8/21	10213
18195	-2	8/22	
18196	-3	8/20	
✓ P1P			
18197		8/24	10215
18198		8/23	
18199		8/24	
18200	B7935A1-71-1	8/22	10216
✓ P1P			

-2

8/22

18201

-3

8/22

18202

B7935A1-72-1

10217

8/20

18203

-2

8/19

18204

p/p

-3

8/23

18205

B7935A1-74-1

10219

8/26

18206

-2

8/27

18207

p/p

-3

8/25

18208

18209

8/29

10220

18210

8/24

18211

8/27

18212

B7935A1-76-1

8/18

10221

18213

-2

8/17

18214

-3

8/23

18215

MARS

8/23

24

18216

B7926A2-1-1

8/23

10241

B07903048/BRN2-X2-1

-2

8/22

18217

p/p ✓

-3

8/24

18218

B7926A2-2-1

10242

8/19

18219

-2

8/23

18220

p/p ✓

bk 10/28

-3

8/23

18221

B7926A2-4-1

10244

8/21

18222

p/p ✓

-2

8/24

18223

-3

8/25

18224

18225	B7926A2-7-1	8/24	10247
-------	-------------	------	-------

18226	-2	8/18	
-------	----	------	--

✓
pip

18227	-3	8/23	
-------	----	------	--

18228	B7926A2-8-1	8/23	10248
-------	-------------	------	-------

18229	-2	8/22	
-------	----	------	--

✓
pip

18230	-3	8/22	
-------	----	------	--

18231		8/23	10250
-------	--	------	-------

18232		8/20	
-------	--	------	--

8/20

18233

10251

B7926A2-11-1

8/23

18234

p/p ✓

b/k 10/28

-2

8/24

18235

-3

8/24

18236

10254

B7926A2-14-1

8/21

18237

p/p ✓

wTs

-2

8/23

18238

wTs

-3

8/23

18239

10255

8/22

18240

18241

8/23

18242

8/23

WT_M

18243

B7926A2-16-1

8/21

10256

WT_M

18244

-2

8/18

✓
P/P

18245

-3

8/22

18246

B7926A2-17-1

8/17

10257

✓
P/P

18247

-2

8/23

18248

-3

8/21

123	STRN	8/24	18249
10260	B7926A2-20-1	8/23	18250
	-2	8/23	18251
	-3	8/22	18252
10261		8/23	18253
		8/22	18254
		8/23	18255
10264	B7926A2-24-1	8/22	18256

18257	-2	8/21		
-------	----	------	--	--

18258	-3	8/17		
-------	----	------	--	--

18259	B7926A2-25-1	8/24	10265	
-------	--------------	------	-------	--

18260	-2	8/22		
-------	----	------	--	--

18261	-3	8/22		
-------	----	------	--	--

18262	B7926A2-27-1	8/20	10267	
-------	--------------	------	-------	--

18263	-2	8/22		
-------	----	------	--	--

18264	-3	8/19		
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10269

8/24

18265

8/24

18266

8/21

18267

B7926A2-33-1

10273

8/20

18268

P/P

-2

8/22

18269

-3

8/20

18270

10274

8/22

18271

8/23

18272

18273

8/23

18274

M-302

8/20

55

18275

B7926A2-36-1

8/23

10276

18276

-2

8/22

18277

-3

8/20

✓
9p

18278

8/20

10277

18279

8/22

18280

8/19

10278

8/22

18281

8/22

18282

8/22

18283

10279

8/23

18284

8/22

18285

8/24

18286

10282

8/24

18287

8/24

18288

18289

8/19

18290 B7926A2-43-1

8/23

10283

✓ PIP
18291 -2

8/29

18292 -3

8/23

18293 B7926A2-47-1

8/24

10287

18294 -2

8/23

✓ PIP
18295 -3

8/26

18296 B7926A2-48-1

8/22

10288

-2

8/22

18297

-3

8/22

18298

WTM

P/p ✓

B7926A2-51-1

10291

8/25

18299

-2

8/24

18300

P/p ✓

-3

8/23

18301

(TN-1)

2476

8/29

18302

B7928A1-1-1

10312

8/21

18303

RUT903048/RUT903085

-2

8/22

18304

	-3			
✓ p/p	18305	8/20		
	B7928A1-3-1			
	18306	8/23	10314	
	-2			
	18307	8/23		
	-3			
✓ p/p	18308	8/23		
	B7928A1-4-1			
	18309	8/23	10315	
	-2			
	18310	8/24		
	-3			
✓ p/p b/c 10/28	18311	8/21		
	B7928A1-7-1			
	18312	8/20	10318	

-2

8/25

18313

-3

8/25

18314

P/P ✓

10319

B7928A1-8-1

8/20

18315

P/P

bk 1028

-2

8/25

18316

-3

1-11-12345678

8/20

18317

10320

8/17

18318

8/17

18319

8/17

18320

18321		8/19	10321
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18322		8/23	
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18323		8/19	
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18324		8/21	79/85
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18325	B7928A1-11-1	8/20	10322
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18326	-2	8/19	
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18327	-3	8/21	
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✓
e/p

18328		8/22	10323
-------	--	------	-------

819

18329

819

18330

10325

B7928A1-14-1

8121

18331

2

8/22

18332

975

3

8 | 2 |

18333

10327

B7928A1-16-1

819

18334

2

818

18335

2/8

3

18336

18337	B7928A1-18-1	8/21		10329
✓ 9/10				
	-2			
18338		8/24		
	-3			
18339		8/26		
18340	B7928A1-20-1	8/24		10331
✓ 9/10				
	-2			
18341		8/23		
	-3			
18342		8/24		
18343		8/23		10332
18344		8/23		

8/23

18345

B7928A1-22-1

10333

8/23

18346

-2

8/15

18347

-3

8/19

18348

8/19 ✓

10335

8/20

18349

8/25

18350

8/22

18351

10336

8/23

18352

18353

8/22

18354

8/21

18355

8/23

10337

18356

8/23

18357

8/22

18358

B7928A1-27-1

8/17

10338

✓
P/P

18359

-2

8/18

18360

-3

8/18

	VSTA						
81					8/16	18361	
	BTT3A1-G35-2-2-1-1						
5486					8/19	18362	
	LBNT/VSTA						
14.5							
1-5,5-6							
				-2			
					8/19	18363	
				-3			
					8/17	18364	
	BTT3A1-G35-2-2-5-1						
5490					8/18	18365	
13.8							
2-5,4-6							
				-2			
					8/18	18366	
				-3			
					8/18	18367	
	BTT3A1-G35-3-2 ² -4-1						
5494					8/18	18368	
14.0							
6-6							

18369

-2

8/18

18370

-3

8/19

✓

pip

bx 10/14

18371

BT73A1-G35-4-3-3-1

8/10

5549

✓

pip

bx 10/14

11.0

5-6,1-7

18372

-2

8/11

18373

-3

8/11

18374

BT73A1-G35-13-1-1-2-1

8/21

5554

12.3

4-6,2-7

18375

-2

8/22

✓

pip

bx 10/14

18376

-3

8/22

BT73A1-G35-13-1-1-3-1

5555

8/19

18377

11.8

4-6, 2-7

-2

8/20

18378

-3

8/21

18379

P/P ✓

bk 10/14

LBNT

28

8/30

18380

BT73A1-G35-13-1-2-3-1

5560

8/23

18381

13.5

6-6

-2

8/23

18382

P/P ✓

bk 10/14

-3

8/22

18383

BT73A1-G35-13-2-4-1

5571

8/21

18384

13.7

6-6

P/P ✓

bk 10/14

18385

-2
8/23

18386

-3
8/23

18387

BT73A1-G35-13-4-1-2-1

8/23

5580

✓
P/P
bk 10114

13.5
6-6

18388

-2
8/23

18389

-3
8/23

18390

BT73A1-G35-13-4-4-3-1

8/23

5594

✓
P/P
bk 10114

13.3
5-6, 1-7

18391

-2
8/23

18392

-3
8/23

B773A1-G48-1-1-5-1

5605

8/30

18393

13.6

3-6, 3-7

-2

8/30

18394

-3

9/3

18395

B773A1-G48-1-5-4-1

5609

9/1

18396

12.8

5-6, 1-7

-2

9/4

18397

-3

9/4

18398

B773A1-G50-1-1-1-1

5627

9/4

18399

14.9

6-6

-2

9/4

18400

p/p

b/c 10/14

18401

-3

8/31

✓

P/p

bic 10/14

18402

BT73A1-G50-1-1-3-1

9/1

5629

15.1

6-6

18403

-2

8/31

✓

P/p

bic 10/14

but shorter + better

18404

-3

8/30

shorter

18405

BT73A1-G50-1-3-4-2-1

8/29

5638

✓

P/p

bic 10/14

11.3

6-6

18406

-2

8/29

18407

-3

8/29

18408

BT73A1-G50-1-5-2-1

8/30

5654

14.8

6-6

-2

8/29

18409

-3

8/29

18410

p/p ✓

bk 10/14

B773A1-G5D-5-3-2-5-1

5683

8/31

18411

15.5

6-6

-2

8/25

18412

-3

8/31

18413

p/p ✓

bk 10/14

B773A1-G5D-5-4-3-2-1

5705

8/29

18414

14.9

6-6

-2

8/29

18415

p/p ✓

bk 10/14

-3

8/27

18416

18417	BTT3A1-G50-5-4-5-5-1	8/29	5718
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14.9
5-6, 1-7

18418		-2 8/29	
-------	--	------------	--

✓
pip
br 10/14

18419		-3 8/29	
-------	--	------------	--

18420	BTT3A1-G87-4-1-4-1	8/24	5754
-------	--------------------	------	------

✓
pip
br 10/14

13.6
6-6

18421		-2 8/24	
-------	--	------------	--

18422		-3 8/24	
-------	--	------------	--

18423	BTT3A1-G87-9-1-1-1-1	8/29	5771
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23.3
6-4

18424		-2 8/29	
-------	--	------------	--

✓
pip
br 10/14

-3

8/29

18425

NATO

41

8/24

18426

BT73A1-G87-9-1-2-5-1

5781

8/29

18427

23.7

6.4

-2

8/29

18428

P/P

bk 10/14

-3

8/29

18429

BT73A1-G87-9-1-3-3-1

5784

8/29

18430

24.4

3.3, 3.4

-2

8/29

18431

P/P

bk 10/14

-3

8/28

18432

18433	BT73A1-G87-9-1-4-3-1	8/30	5789
-------	----------------------	------	------

23.0
4.32.4

18434		-2 8/29	
-------	--	------------	--

✓
pip
bik 10/14

18435		-3 8/30	
-------	--	------------	--

18436	BT73A1-G87-9-1-5-5-1	8/29	5796
-------	----------------------	------	------

23.3
3.33.4

18437		-2 8/26	
-------	--	------------	--

✓
pip
bik 10/14

18438		-3 8/30	
-------	--	------------	--

18439	BT73A1-G87-9-3-2-3-1	8/31	5799
-------	----------------------	------	------

✓
pip
bik 10/14

23.3
3.3, 3.4

18440		-2 9/2	
-------	--	-----------	--

-3

8/31

18441

B773A1-G87-9-3-4-2-1

5803

8/31

18442

22.8

6-4

-2

9/1

18443

PIP

b/c 10/14

-3

8/30

18444

B773A1-G87-9-3-4-3-1

5804

8/31

18445

23.0

1-3,5-4

-2

8/30

18446

-3

8/30

18447

1/p

b/c 10/14

B773A1-G87-9-3-4-4-1

5805

8/29

18448

23.5

1-3,5-4

18449

-2
8/29

pp

bk 10/14

18450

-3
8/29

18451

STBN

9/2

68

18452

BTT3A1-G87-9-4-2-3-1

8/29

5814

pp

bk 10/14

23.7
2.3, 4-4

18453

-2
9/1

18454

-3
9/1

18455

BTT3A1-G87-9-5-4-4-1

8/29

5841

23.0
13, 4-4, 1-5

18456

-2
8/29

-3

8/29

18457

P/p ✓

bk 10/14

B773A1-G87-11-2-1-1

5869

8/29

18458

23.7

3-3,3-4

-2

8/29

18459

P/p ✓

bk 10/14

-3

8/29

18460

B773A1-G87-13-4-4-5-1

5904

8/28

18461

✓

23.3

3-4,3-5

P/p

bk 10/14

-2

8/29

18462

-3

8/28

18463

B773A1-G104-2-2-5-1

5909

8/28

18464

13.5

3-6,3-7

		-2		
✓ 18465 PIP brc 10/14		8/21		
		-3		
18466		8/23		
18467	BTT3A1-G111-2-1-1-4-1	8/24		5918
				14.5
				6-6
		-2		
✓ 18468 PIP brc 10/14		8/24		
		-3		
18469		8/24		
18470	BTT3A1-G111-2-3-BK-BK-1	8/17		5937
✓ PIP brc 10/14				18.6
				3.6, 3.7
		-2		
18471		8/22		
		-3		
18472		8/18		

BTT3A1-G111-7-3-3-1

5952

8/23

18473

13.4

5-6, 1-7

-2

8/21

18474

pip ✓

bk 10/14

-3

8/24

18475

BTT3A1-G119-8-3-5-5-1

6000

8/27

18476

19.6

6-7

-2

8/25

18477

pip ✓

bk 10/14

-3

8/27

18478

Bellevue

361

8/31

18479

BTT3A1-G35-2-2-2-BK

MAM

8/20

18480

18481

8/18

MAM
↓

18482

8/19

18483

B773A1-G35-6-1-1-BK

8/22

18484

8/22

18485

8/22

18486

B773A1-G35-6-2-5-Dr

8/22

18487

8/22

18488

8/22

MAM

BT73A1-G50-1-1-4-BK

9/3

18489

9/1

18490

P/P ✓

bk 10/14

9/3

18491

BT73A1-G55-2-1-2-BK

8/21

18492

8/20

18493

8/19

18494

P/P ✓

bk 10/14

BT73A1-G87-5-2-2-BK

9/4

18495

P/P ✓

bk 10/14

18496

18497

18498

BTT3A1-G94-1-1-5-BK

8/24

18499

8/24

18500

8/23

✓
pp

BK 10/14

18501

Err. BRAZ

8/23

14506

18502

8/23

18503

8/21

18504

8/21

8/23

18505

14532

8/22

18506

8/22

18507

8/20

18508

8/22

18509

8/23

18510

14538

8/18

18511

8/18

18512

18513

8/19

18514

8/18

18515

8/18

18516

8/22

14543

18517

8/23

18518

8/23

18519

8/23

18520

8/23

14546

8/23

18521

8/23

18522

8/24

18523

8/23

18524

8/23

18525

14547

8/21

18526

8/22

18527

8/22

18528

18529

8/22

18530

8/22

18531

BRAZ

8/23

122

18532

B7938A2-BK

8/12

15283-99

BK

M101/RUT903048

18533

8/12

18534

8/12

18535

8/12

18536

8/11

BK 9/24

15283-99

bk

8/13

18537

8/14

18538

8/14

18539

8/13

18540

8/14

18541

8/14

18542

8/14

18543

8/13

18544

18545

8/14

15283-99

br

18546

8/13

18547

8/14

18548

br 9/24

8/14

18549

8/14

18550

8/11

18551

8/13

18552

8/11

15283-99

bk

8/14

18553

8/12

18554

8/12

18555

9/24

bk

8/12

18556

8/10

18557

8/11

18558

8/11

18559

M-101

8/13

18560

1

RU7903048

18561

8/30

2521

bic 10/28

B7935A2 - BK

18562

8/21

15238-47

bk

RU7803060/BRAZ-X2-1

18563

8/21

18564

8/21

18565

8/22

9/10/27

18566

8/22

18567

8/24

18568

8/22

15238-47

bk

8/22

18569

8/21

18570

8/23

18571

8/21

18572

8/23

18573

8/25

18574

8/22

18575

8/22

18576

p/p 10/27

18577

8/24

15238-47

bk

18578

p/p 10/27

8/26

18579

8/18

18580

RU7803060

8/26

2522

bk 10/28

18581

B7922A1

8/13

F₁

NWRX/VSTA

18582

8/15

18583

8/16

18584

8/16

B7922A1

F,

8/15

18585

8/15

18586

8/15

18587

8/12

18588

8/14

18589

8/16

18590

8/15

18591

8/15

18592

B7922A1-

18593

8/15

F₁

18594

8/15

18595

8/15

18596

8/15

18597

8/17

18598

8/16

18599

8/17

NWRX

18600

B_r

Seeded 6/3/82

88

1295

B7439A1-48-1-4-BK-2-2-BK

(Head-rows)

82/141

8/28

18601

8/28

18602

8/27

18603

8/27

18604

8/28

18605

8/28

18606

8/25

18607

8/25

18608

BK 10/13

18609

8/25

18610

8/28

18611

8/28

18612

8/10
bx

8/25

18613

8/28

18614

18615

18616

18617

18618

18619

18620

18621

18622

18623

18624

bk 10/13

18625

18626

18627

18628

18629

18630

18631

18632

bx 10/13

18633

18634

18635

18636

18637

18638

18639

18640

bk 10/13

18641

18642

18643

18644

18645

18646

18647

18648

b1k 10/13

18649

18650

18651

18652

18653

18654

18655

18656

bk 10/13

18657

18658

18659

18660

18661

18662

18663

18664

b14 10/13

18665

18666

18667

18668

18669

18670

18671

18672

bk 10/13

18673

18674

18675

18676

18677

18678

18679

18680

615 10/17

18681

18682

18683

18684

18685

18686

18687

18688

bK 10/13

18689

18690

18691

18692

18693

18694

18695

18696

10/13
6/15

18697

18698

18699

18700

BT439A2-4-5-5-1-5

1302

(Head-rows)

82/363

18701

8/28

18702

8/28

18703

8/28

18704

18705

18706

8/29

18707

8/27

10/14

18708

6K

8/27

18709

8/26

18710

8/27

18711

8/26

18712

8/27

18713

8/26

18714

18715

6/16/14

18716

18717

18718

18719

18720

18721

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18726

18727

18728

10/14
b/c

18729

18730

18731

18732

18733

18734

18735

18736

bx 10/14

18737

18738

18739

18740

18741

18742

18743

18744

18745

18746

18747

18748

18749

18750

18751

18752

b14 10/14

18753

18754

18755

18756

18757

18758

18759

18760

bis 10/14

18761

18762

18763

b1k 10/14

18764

18765

18766

18767

18768

18769

18770

18771

18772

18773

18774

18775

18776

bk 10/14

18777

18778

18779

18780

18781

18782

18783

18784

bk 10/14

18785

18786

18787

18788

18789

18790

18791

18792

bk 10/14

18793

18794

18795

18796

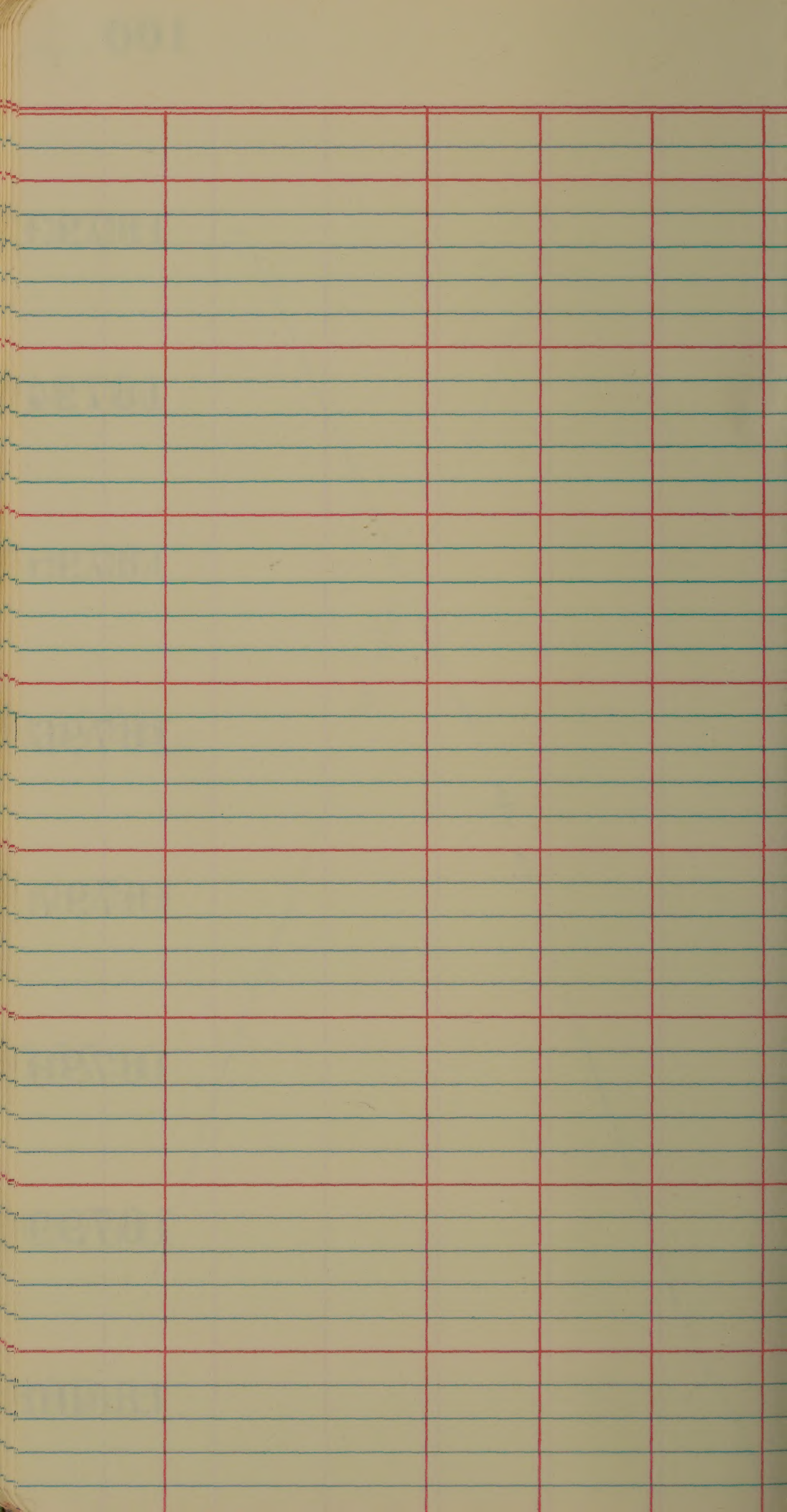
bk 10/14

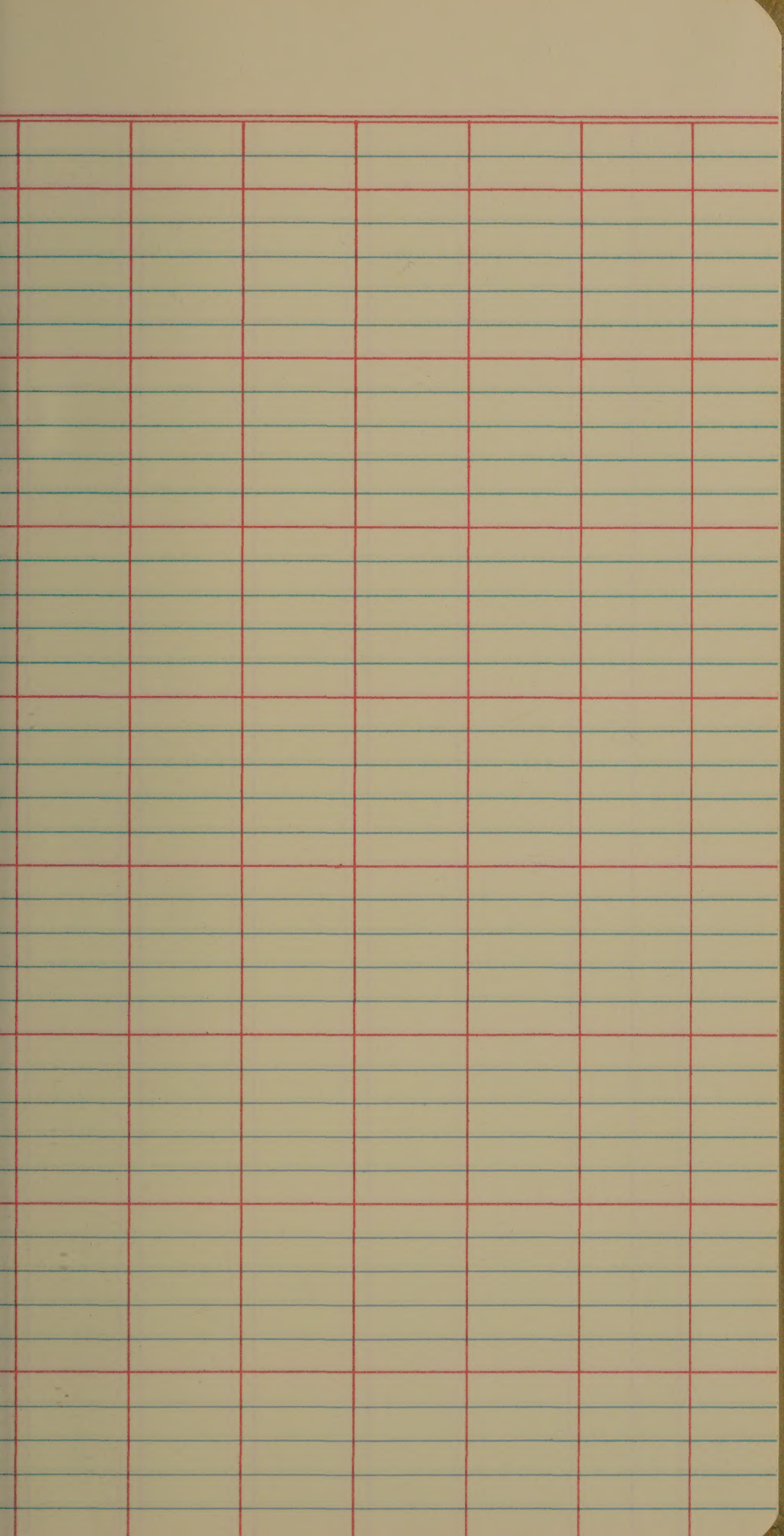
18797

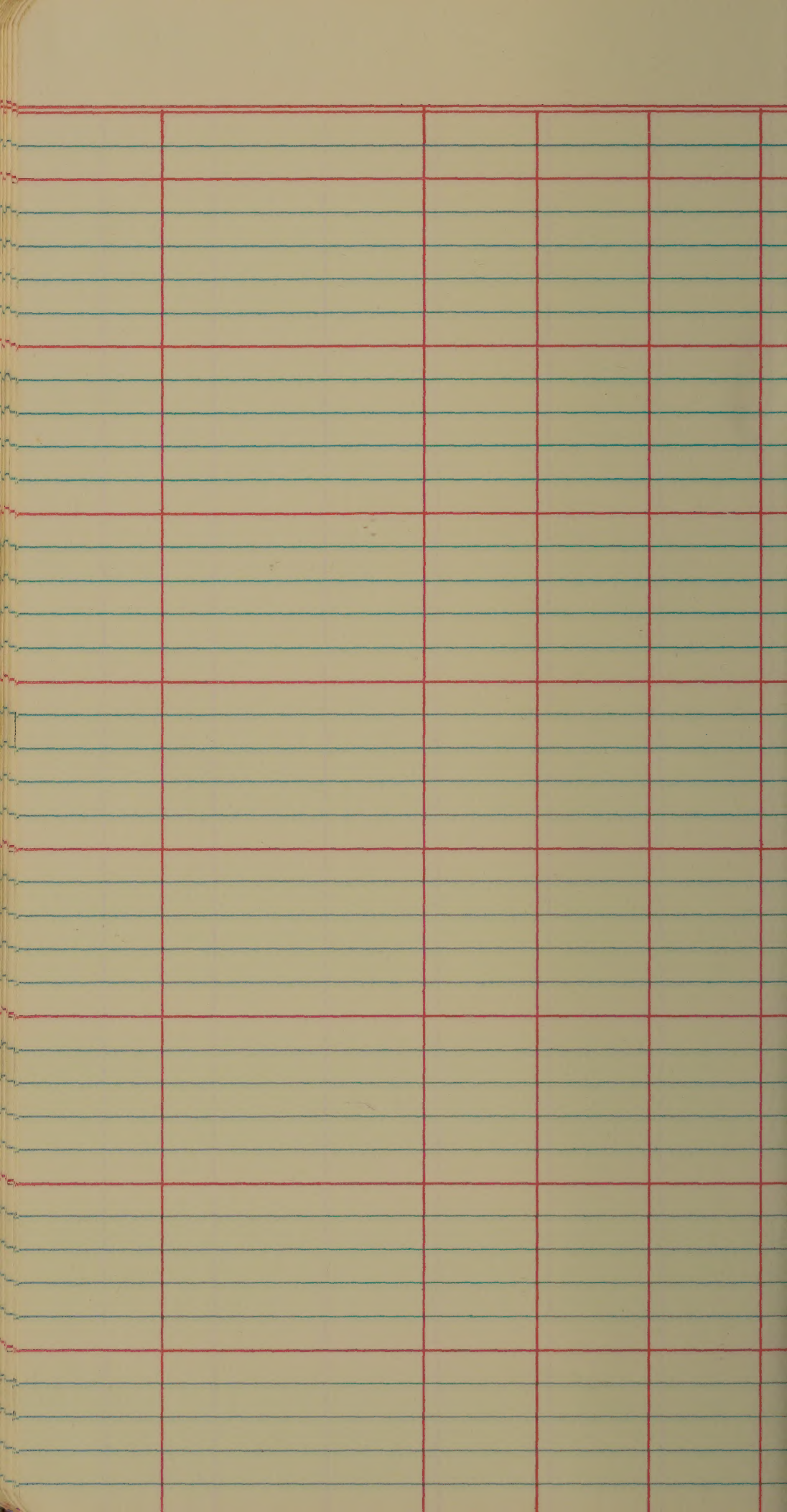
18798

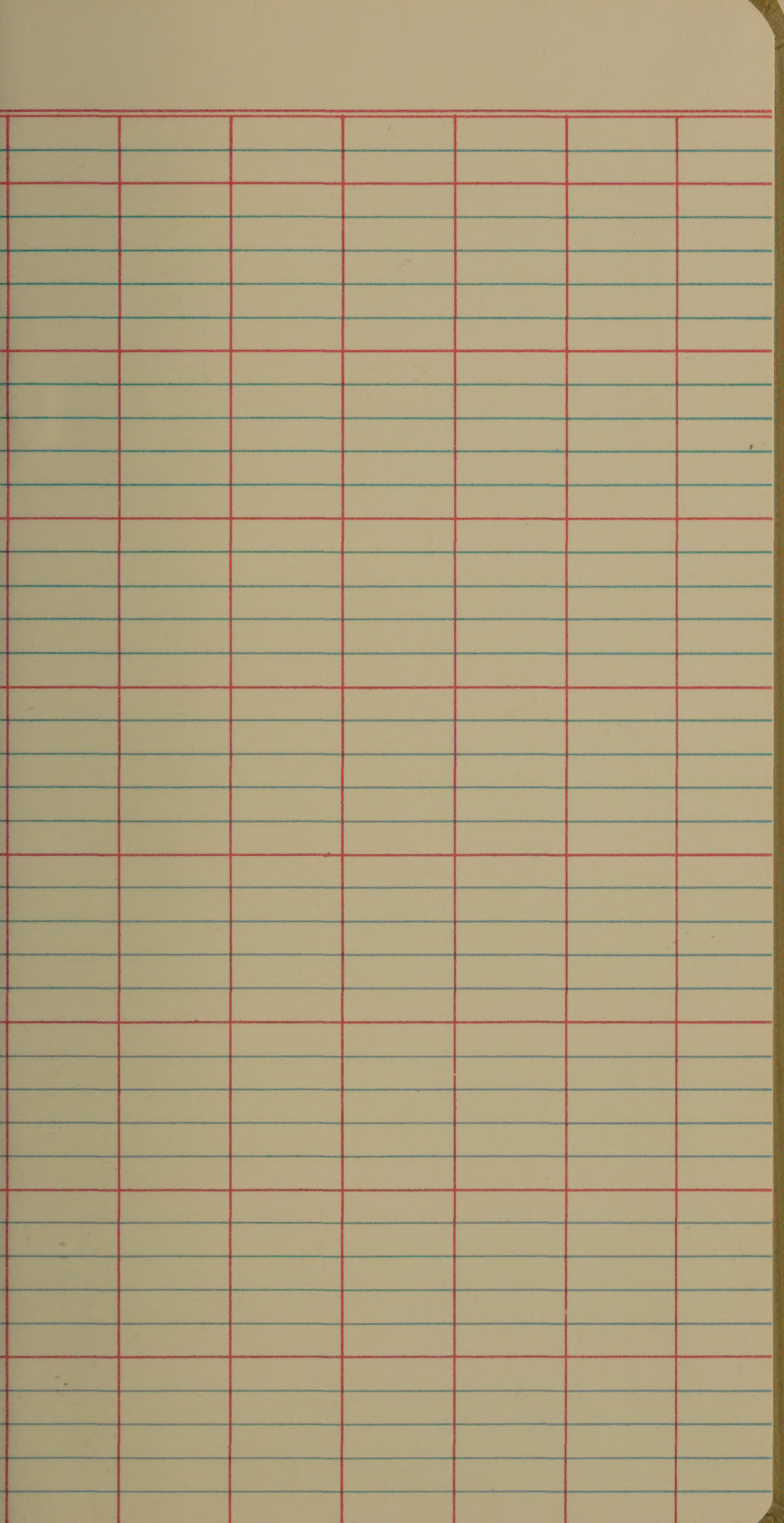
18799

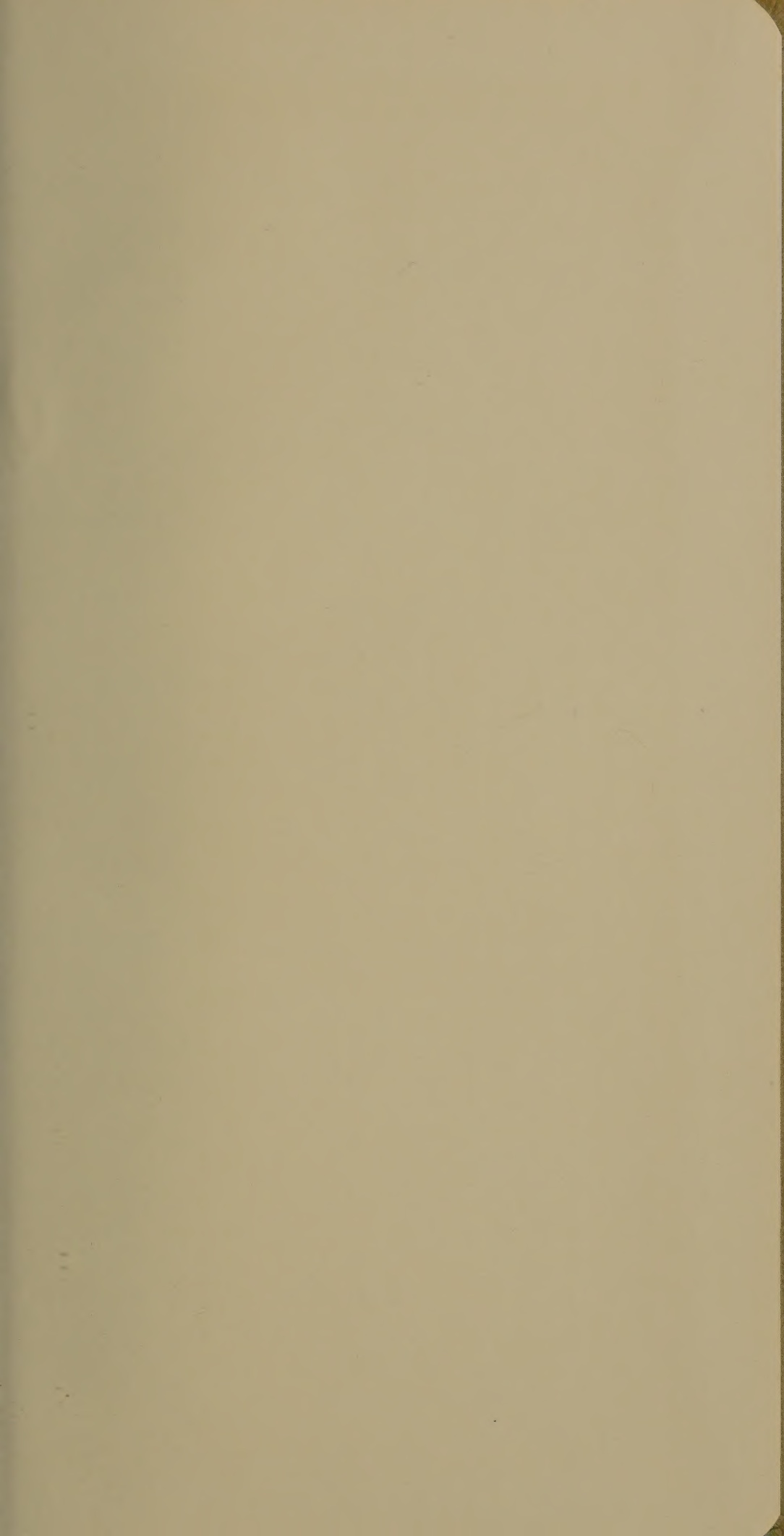
18800











B7819A	BRAZ-X2-1/7803060
B7442A	NTAI/9879
B7439A	NTAI//9545/NOVA
B7822A	7803060/BRAZ-X2-1
B7927A	7903048/7903053
B7935A	7803060/BRAZ-X2-1
B7926A	7903048/BRAZ-X2-1
B7928A	"
B773A	LBNT/VSTA
B7938A	M101/7903048
B7922A	NWRX/VSTA

18496	
18497	18393
18600	↓
	18600

17413
 17415
 17416
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UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

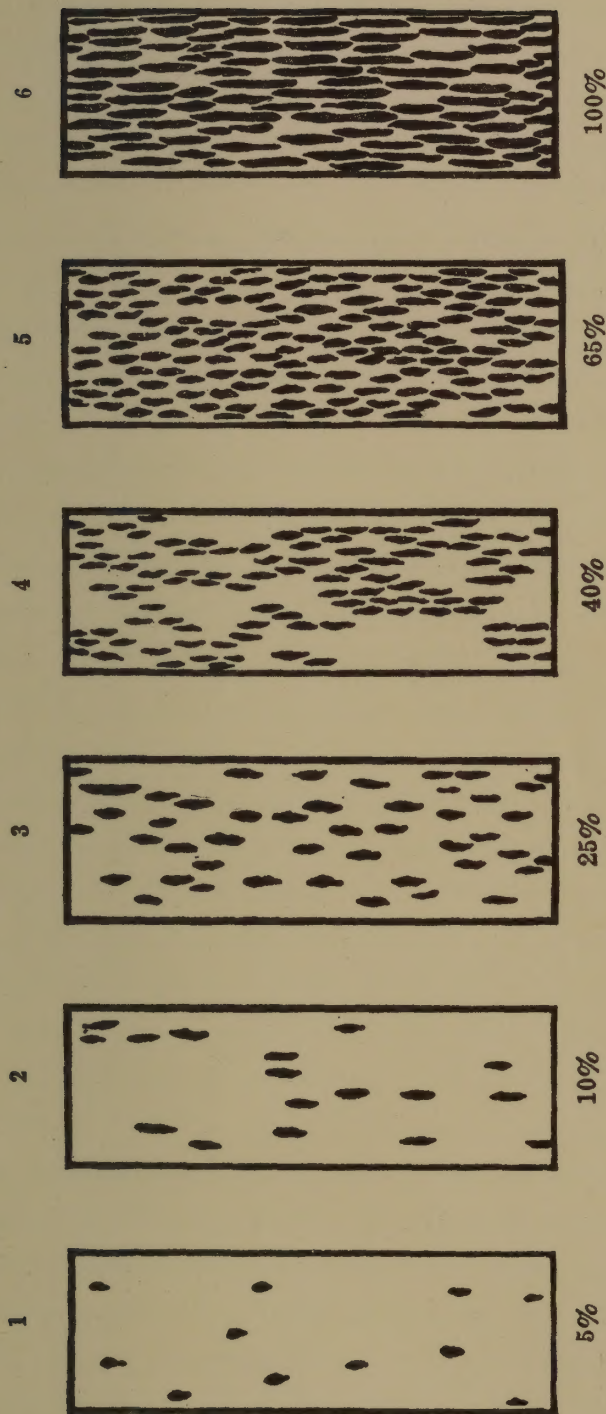


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

B7439A2-10-4-5-3-Bk

18801

8/25

1304

(Head-rows)

82/306

18802

8/25

18803

8/24

bK 10/14

18804

8/24

18805

8/24

18806

8/24

18807

8/23

18808

8/22

8/22

18809

18810

8/21

18811

8/21

18812

18813

18814

18815

8/20

18816

bx 10/14

18817

8/21

18818

18819

b/c 14/14

18820

8/20

18821

18822

18823

18824

8/18

Earlier; discard
this one!

18825

8/21

18826

18827

bx 10/14

18828

18829

18830

18831

18832

18833

18834

18835

18836

18837

18838

18839

18840

bk 10/14

18841

18842

18843

18844

18845

18846

18847

18848

6K 10/14

18849

18850

18851

18852

bk 10/14

18853

18854

18855

18856

Note: didn't hv. row 18864-18900
because of lodging.

4

18857

18858

18859

18860

18861

18862

18863

18864

615 10/11/14

18865

18866

18867

18868

18869

18870

18871

18872

18873

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Hending date $\pm$ 8/25

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18901

B7439A2-24-2-1-5-3-1

(Head-rows)

8/25

1308

82/72

18902

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18903

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b/c 10/15

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b7c 10/15

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bk 10/15-

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bx 10/15

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bk 10/15

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bk 10/15

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18976

bk 10/15

18977

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18979

b/c 10/15

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b/c 10/11

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1339

B7442A1-68-1-3-5

(Head-rows)

82/326

8/25

19001

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19002

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19003

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19004

AK 10/14

19005

19006

19007

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19009

19010

19011

19012

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19015

19016

As 10/14

19017

19018

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19022

19023

19024

bx 10/14

19025

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atypical plant;
discarded!

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6K 10/14

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19047

19048

bx 10/14

19049

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19051

19052

19053

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19055

19056

b15 10/14

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19062

19063

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bk 10/14

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19071

19072

bk 10/14

19073

19074

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19076

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19078

19079

19080

bk 10/14

19081

19082

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4/10/14
big

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19104

bK 10/14

82/171

bK 10/15

BT442A1-80-5-3-2

(Head-rows)

1340

19105

19106

19107

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19110

19111

19112

bk 10/15

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6K 10/13-

19121

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19127

19128

big 10/13

19129

19130

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19132

19133

19134

19135

19136

bk 10/15

19137

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19142

19143

19144

bk 10/15

19145

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19151

19152

6x 10/15

19153

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19160

b1c 10/15

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615 112/5

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19176

bk 10/15

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19183

19184

bx 10/15

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19192

bk 10/15

Taller ~~now~~; discard

19193

Taller tower; discarded

19194

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19200

Heading date = 8/25

19201

B7442A1-107-4-2-3

781

82/177

19202

19203

19204

bK 10/14

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19210

19211

bk 10/14

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19222

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19224

6K 10/14

19225

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19231

19232

b/c 10/14

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bk 10/14

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bk 10/14

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19264

bk 10/14

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19272

bk 10/14

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19280

bk 10/14

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bk 10/14

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19296

bx 10/14

Seeded 6/4/82

Heading date $\pm$ 8/25

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19299

19300

19301

B7439A2-35-8-3-1-1

(Head-rows)

82/32

19302

19303

19304

843

b/c 10/14

A/c 10/13

19305

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19311

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64 10/13

19313

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19320

61x 10/13

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bk 10/13

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19332

bk 10/15

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bk 10/13

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619 10/13

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bk

10/13

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10/13
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bk 10/13

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bk 10/13

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b1c 10/13

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19399

19400

65 10/13

41 NATO Check

19401

41 Irradiated NATO
25 Kr Cesium

19402

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bk 10/18

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OK 10/8

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bk 10/18

NATO Check

19425

41

Irr. NATO

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bk 10/18

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b/c 10/18

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8/10/8
64

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NATO Check

41

19450

Saturn Check

123

19451

Irradiated Saturn

123

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bk 10/18

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19475 STRN Check

19476 Irr. STRN

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b/c 10/18

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bk 10/18

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bx 10/18

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STRN Check

19500

MARS Check

24

19501

Irr. MARS

19502

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bK 10/18

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415 10/18

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bk 10/18

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MARS Check

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Tr. MARS

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bk 10/18

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bk 10/15

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MARS Check

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RUT803097 Check

19551

Err. RUT803097

19552

b/k 10/18

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b15 10/1/8

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bk 10/18

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b/k 10/18
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19575 RU7803097 Check

19576 Irr. RU7903097

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b/c 10/15

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19592

bk 10/18

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R07803097 Check

19600

RU7403025 Check

19601

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HR

Int. RU7403025

19602

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b/c 10/16

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bk 10/18

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bk 10/18

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R07403025 Check

HR

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Int. R07403025

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OK 10/18

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bK 10/18

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RU7403025 Check

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HR

19651

RU7603015 Check

HR

19652

Imp. RU7603015

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bk 10/18

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6K 10/18

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6/18 10/18

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RU7603015 Check

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Irr. RU7603015

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bk 10/18

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bk 10/18

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19700

RV7603015 Check

19701

NWRX Check

BR

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Irr. Newrex

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bk 10/18

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bK 10/18

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NWRX Check

19751

LBNT Check

HR

19752

Irradiated LBNT

HR

bif: 10/1.8

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bk 10/18

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bk 10/18

LBNT Check

HR

Tr. LBNT

HR

19777

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bk 10/18

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bk 10/18

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LBNT Check

BBLE Check

Border

19801

Irradiated BBLE

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19802

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b1c 10/18

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OK 10/18

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bk 10/18

19825 BBLE Check

19826 Irr. BBLE

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bx 10/18

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bk 10/15

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BBLE Check

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RU8003043 Check

HR

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Irr. RU8003043

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bk 10/18

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blk 10/18

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bk 10/18

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RU8003043 Check

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Irr. RU8003043

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bk 10/18

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bk 10/18

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bk 10/18

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RV8003043 Check

19900

BLMT Check

HR

19901

Irr. BLMT

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bK 10/18

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bk 10/18

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6K 10/18

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BLMT Check

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Irr. BLMT

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bk 10/18

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bk 10/18

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BLMT Check

19950

Dawn Check

Border

19951

Irr. DAWN

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bK

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19975 DAWN Check

19976 Irr. DAWN

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bK 10/18

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bK

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DAWN Check

20000

border

bk 10/18

Seeded 6/4/82

RU8003070 = BT41A1-14-1-3-3-2

B806A1

20001

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F₁

RU8003070/BT73A1-G14-G1-G1-P4

20002

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pf 10/12

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P/A 10/12

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P/P 10/12

MAM	B773A1-G94-1-1-5	8/22	20025
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F ₁	B8013A1	8/25	20026
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B741A1-58-2-4-8-3-3/B773A1-G74-G1-G1-P4			
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		8/23	20027
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P/P 10/12

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P/A 10/12

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BLMT

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HR

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B8016A1

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B74A1-58-2-4-8-3-1/B773A1-G74-G1-G1-P4

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W/P 10/19

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p/r 10/19

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Plc 10/19

P/P 10/19

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B773A1-G94-1-1-P₂ / UYN 43

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P/P 10/8

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B773A1 - G94 - 1-1-P₂ / UYN43

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Pr 10/12

81	VSTA	8117	20121
F ₁	B8029A1	8126	20122
B773A1-G94-1-1-B / UYN 43			
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		8124	20126
		8123	20127
		8126	20128

p/p 10/19

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AP 10/19

20161	NATO	8/29	41
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20162	B8030A1-	8/23	F,
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UYN43/G94-1-1-P5

20163		8/23	
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20164		8/22	
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20165		8/23	
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1/p 10/19

20166		8/23	
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20167		8/23	
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20168		8/19	
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8/21

20169

8/22

20170

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20171

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20173

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20174

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20175

8/23

20176

p/p 10/19

20177

8/23

20178

8/22

plp 10/19

20179

8/22

20180

8/23

20181

B773A1-G35-2-2-2

8/17

MAM

20182

B7920A3

8/19

F₁

NWRX/MARS

20183

8/24

10/8

20184

8/24

plp

8/18

20185

8/23

20186

8/18

20187

8/22

20188

8/21

20189

8/21

20190

8/22

20191

8/19

20192

P/P 10/8

20193

8/22

20194

8/18

20195

8/23

20196

8/10/18

8/23

20197

8/25

20198

8/22

20199

8/17

20200

NWRX

BR

R07903048 = B6810A2-BK-7-BK₂-3-4-4-3-88

= 9545/NOVA//IR-8

F₁

B7926A1

8/23

20201

R07903048/BRAZ-X2-1

8/22

20202

8/21

20203

8/21

20204

BK 10/28

8/23

20205

8/22

20206

8/23

20207

8/22

20208

20209

8/21

20210

8/22

20211

8/21

20212

8/20

20213

8/21

20214

8/21

20215

8/18

20216

8/21

bK 10/28

8/21

20217

8/23

20218

8/23

20219

8/22

20220

8/21

20221

8/19

20222

8/22

20223

8/21

20224

8/21 10/28
94

20225	RU7903048	8/28	2521
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20226	BT928A1	8/22	F ₁
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RU7903048/BT439A2-35-3-5

20227		8/22	
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20228		8/21	
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20229	b/c 10/26	8/23	
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20230		8/22	
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20231		8/21	
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20232		8/17	
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8/21

20233

8/20

20234

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8/22

20236

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8/23

20238

8/23

20239

8/19

20240

b/c 10/28

20241

8/23

20242

8/21

20243

8/23

20244

8/23

b1c 10/28

20245

8/23

20246

8/21

20247

8/22

20248

8/21

20249

8/23

20250

8/23

RU7903085

79/85

8/23

20251

b/c 10/28

BT934A2

F₁

9/2

20252

RU7803097 / BRAZ-X2-1

9/1

20253

9/3

20254

20255

9/3

20256

Apparently a self.

20257

9/3

20258

20259

20260

9/3

20261

20262

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20263

9/1

20264

9/1

9/3

20265

20266

9/3

20267

9/2

20268

9/4

20269

9/2

20270

9/4

20271

20272

20273

9/4

20274

9/4

20275

20276

RU7803097

174

20277

BT936A1

F1

BT23A2-11-4-BK-2/RU7903157

20278

RU7903157 = BT41A1-55-

= LBNT//9881/331581

20279

BT23A = LBNT/315650

20280

A self?
Same file
BT23A2-11-4-BK-2
2nd

Continues next page.

20281

20282

20283

20284

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20286

20287

20288

6/15 10/28

20289

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20291

20292

20293

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20295

20296

RU 7903157

PI 315650

2561

2578-80

bk 10/28

Seeded 6/4/82

20297	PI 315650		25TB-80
20298	"		"
20299	"		"
20300	"		"
20301	B7938A1	8/14	F ₁
	M101 / 7903048		
20302		8/14	
20303	8/10/27	8/13	
20304		8/12	

8/14

20305

8/14

20306

8/14

20307

8/14

20308

P/P 10/27

8/13

20309

8/14

20310

8/14

20311

8/15

20312

20313

8/11

20314

8/14

20315

8/14

20316

8/14

9/11 10/27

20317

8/14

20318

8/15

20319

8/14

20320

8/15

M-101

1

8/14

20321

B7938A2

F₁

8/14

20322

8/16

20323

8/15

20324

8/17

20325

8/14

20326

8/14

20327

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20328

20329

8/14

20330

8/15

20331

8/14

20332

8/14

20333

8/14

20334

8/14

20335

8/13

20336

8/14

8/15

20337

8/14

20338

8/14

20339

8/14

20340

24

MARS

20341

F₁

B7938A3

8/14

20342

8/13

20343

8/12

20344

20345

8/2

20346

8/14

20347

8/14

20348

8/14

20349

8/14

20350

8/14

20351

8/11

20352

8/14

8/13

20353

8/14

20354

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20356

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8/14

20358

8/14

20359

8/14

20360

20361 Basmati 370

2001-20

?
b/c 10/28

20362 B7836A1

F₁

20363

20364

20365

b/c 10/28

20366

20367

20368

8/20

20369

20370

20371

20372

20373

20374

RV760 3069

2560

20375

b/c 10/28

B7718A1-G6-1-1

MAM

8/21

20376

P.4 / Saturn

P.4

20377	B7718A1-G6-1-2	8/20	MAM
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Plp

20378	-G6-2-2		
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Plp

20379	-G6-2-5		
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Plp

20380	-G16-1-4		
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Plp

20381	-G16-1-5		
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Plp

20382	-G16-2-2	8/20	
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Plp

20383	G16-2-4	8/22	
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Plp

20384	-G16-3-2	8/17	
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Plp

MAM	B7718A1-G16-3-3	8/17	20385	P/p
	-G16-3-5	8/17	20386	P/p
	-G17-5-3		20387	P/p
	-G19-1-4	8/19	20388	P/p
	-G19-2-1	8/19	20389	P/p
	-G19-3-2	8/19	20390	P/p
	-G19-4-2	8/21	20391	P/p
	-G19-4-4	8/21	20392	P/p

BT718A1-GH-5-5

20393

8/17

P/p

-G20-1-3

20394

8/18

P/p

-G20-3-2

20395

P/p

-G20-5-2

20396

8/19

P/p

-G20-5-3

20397

8/17

P/p

-G20-6-1

20398

P/p

-G20-6-3

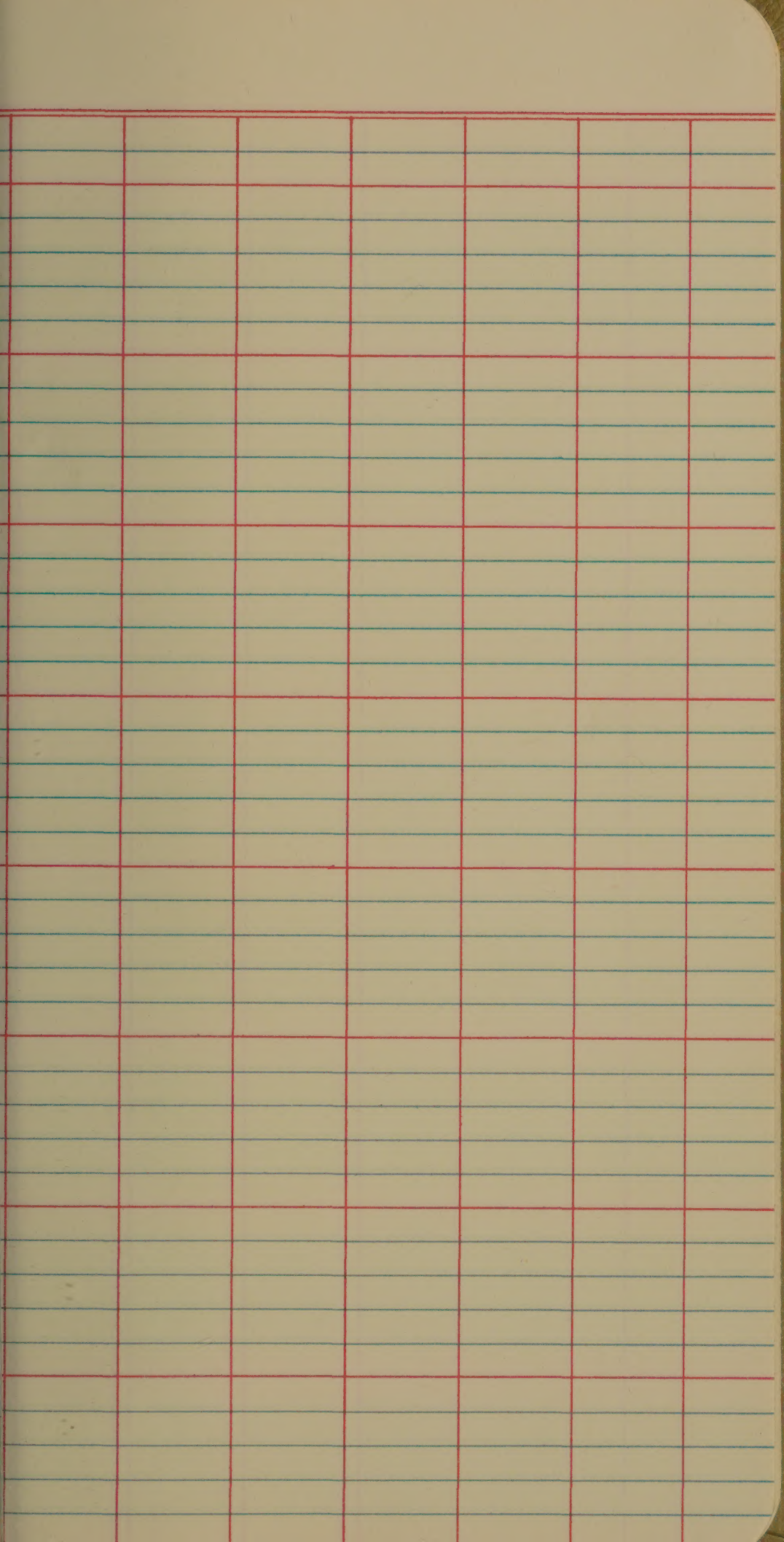
20399

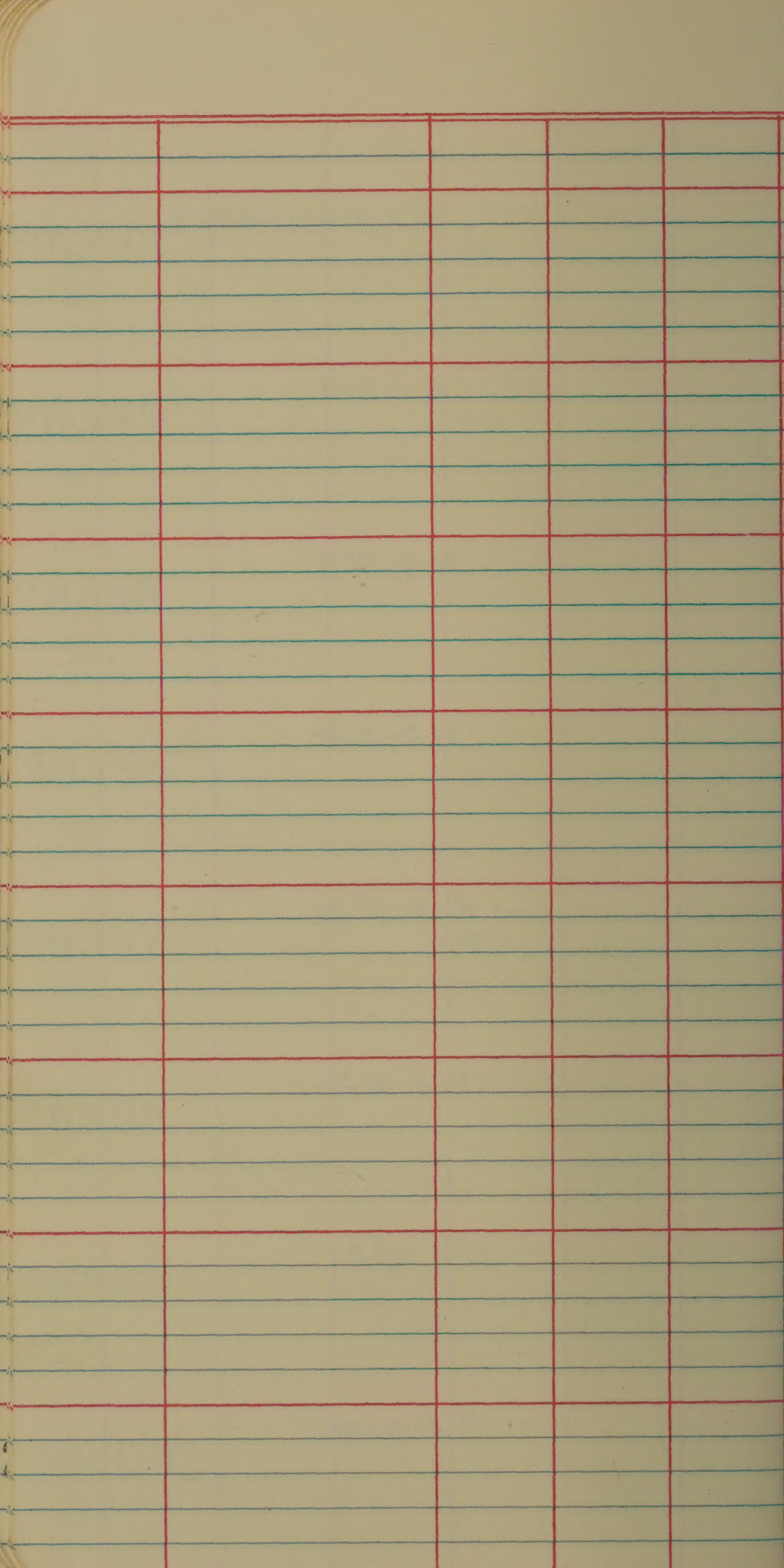
P/p

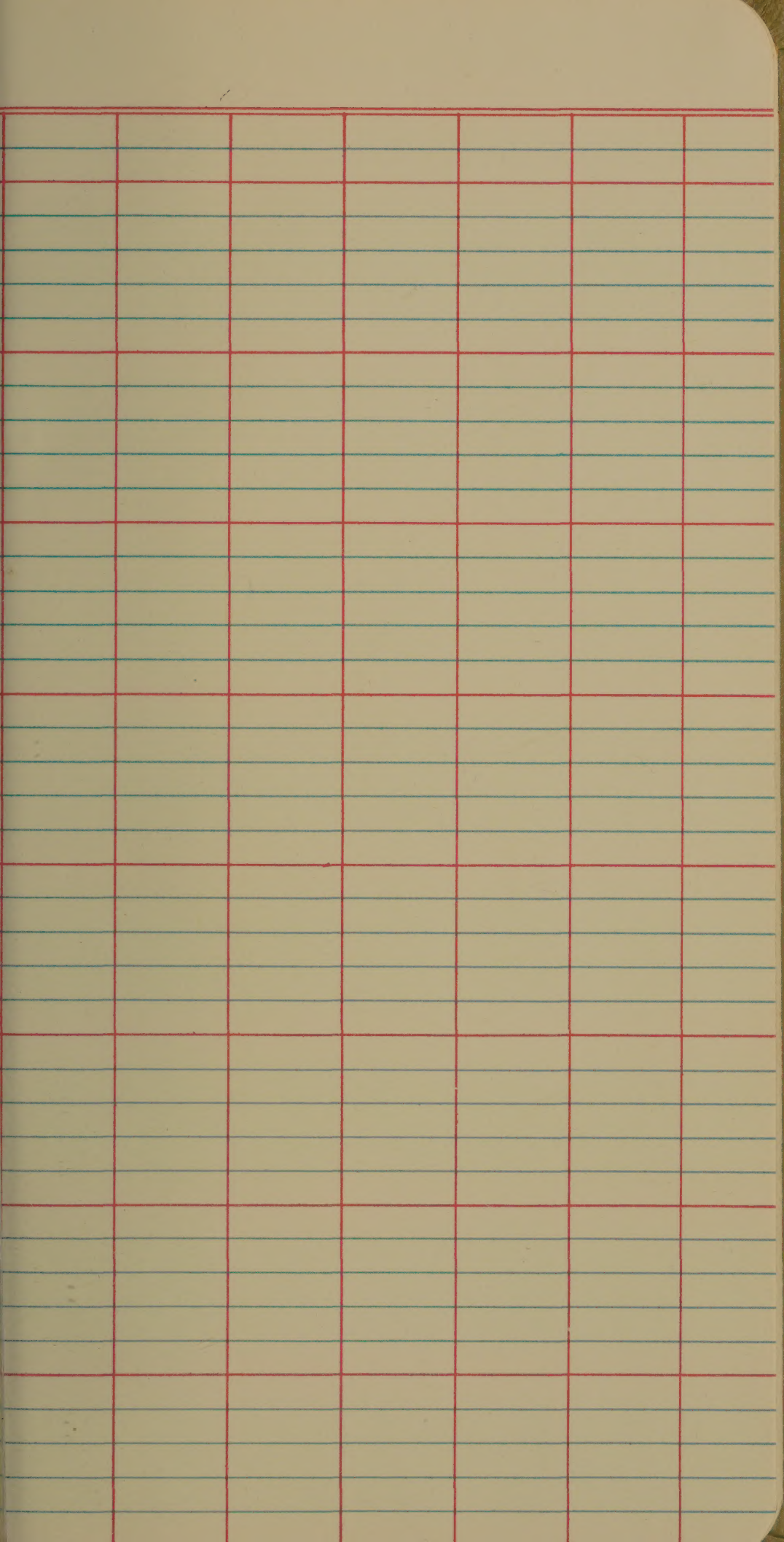
-G20-6-4

20400

P/p







UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

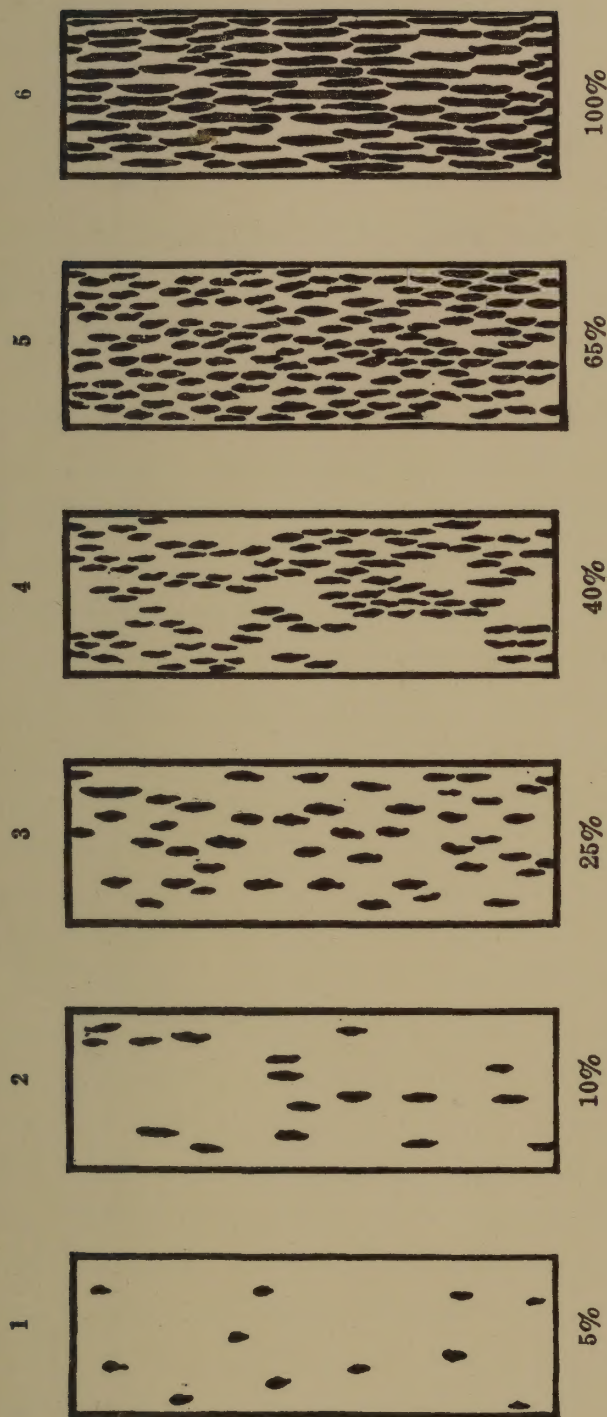
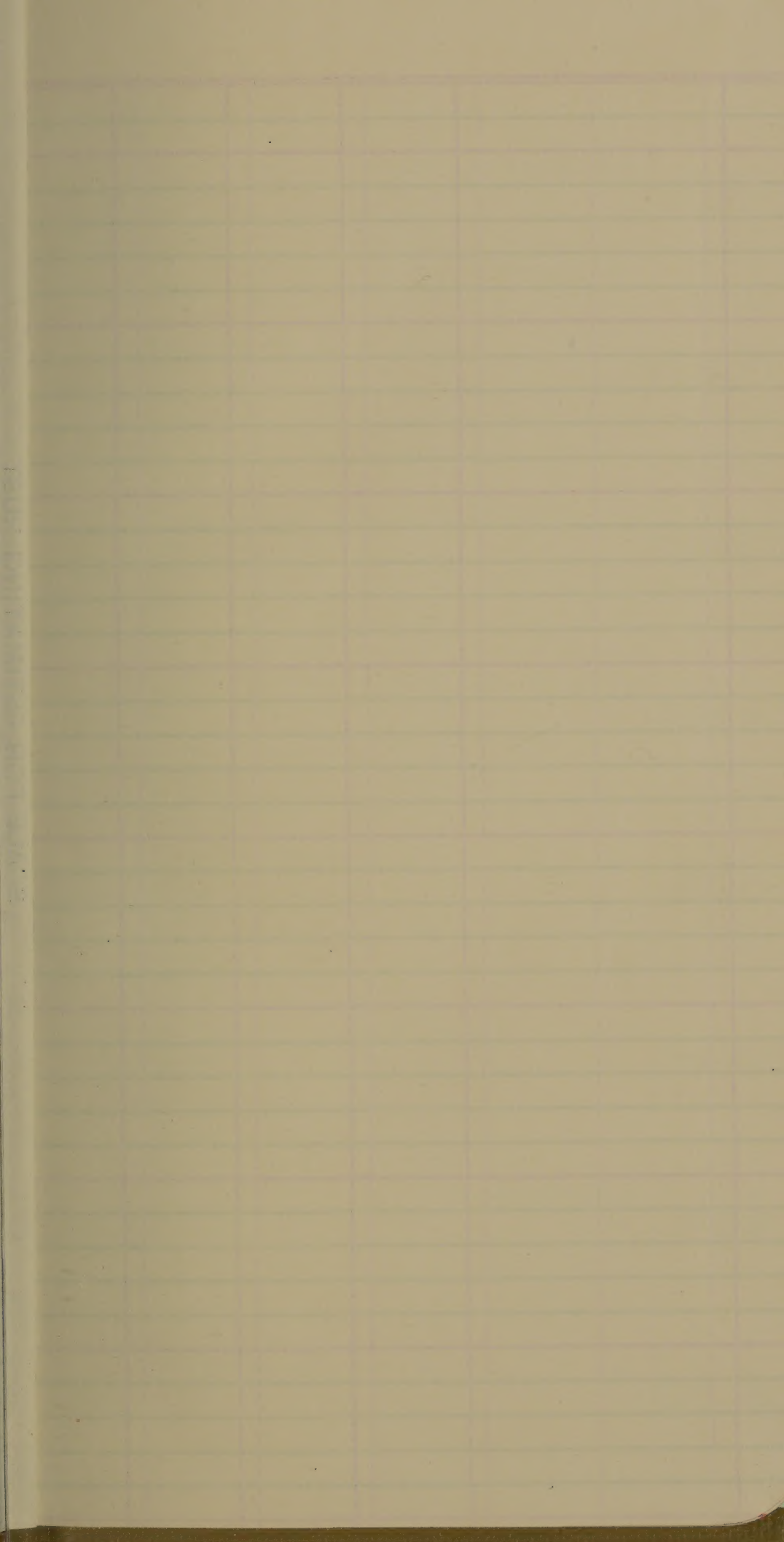
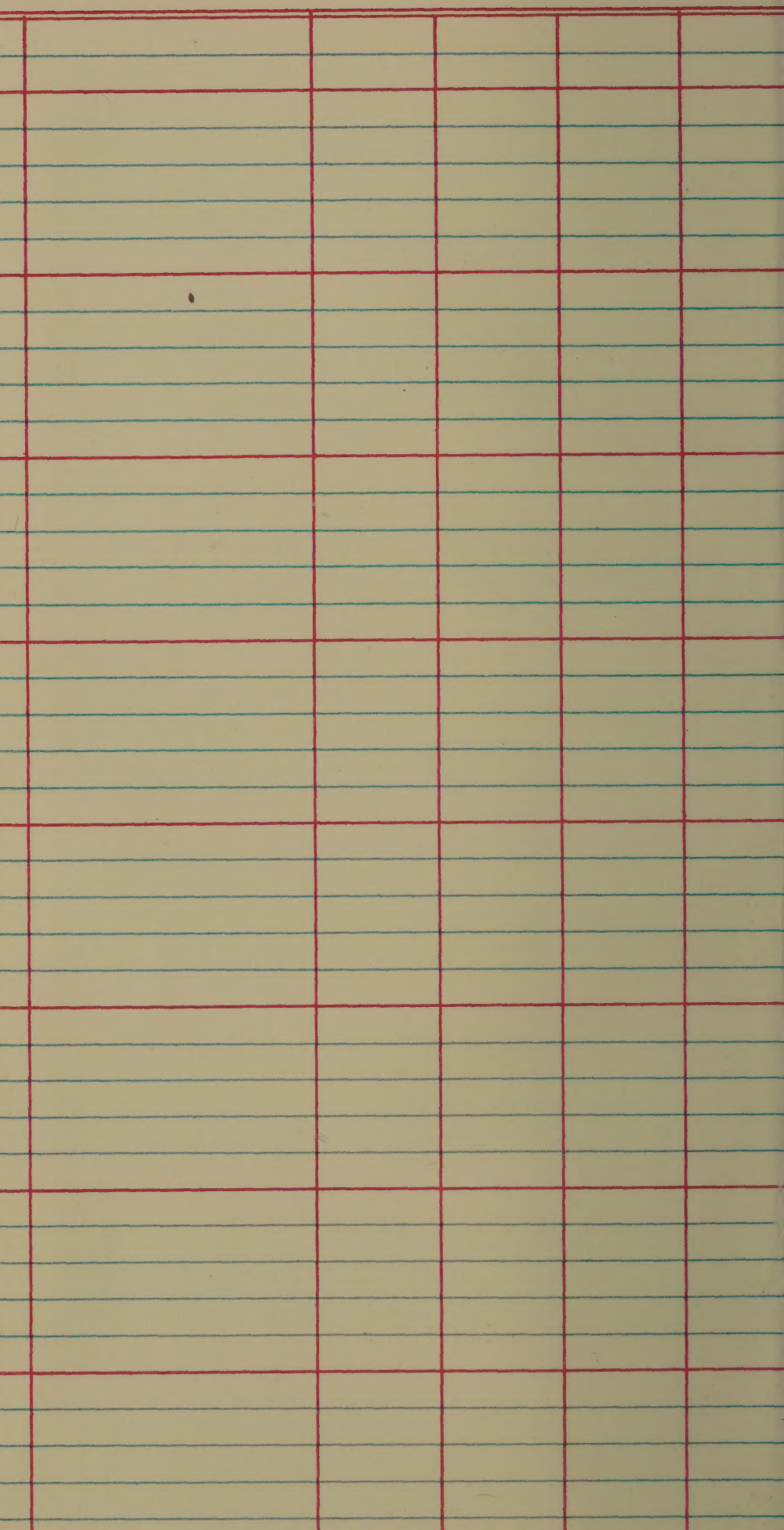


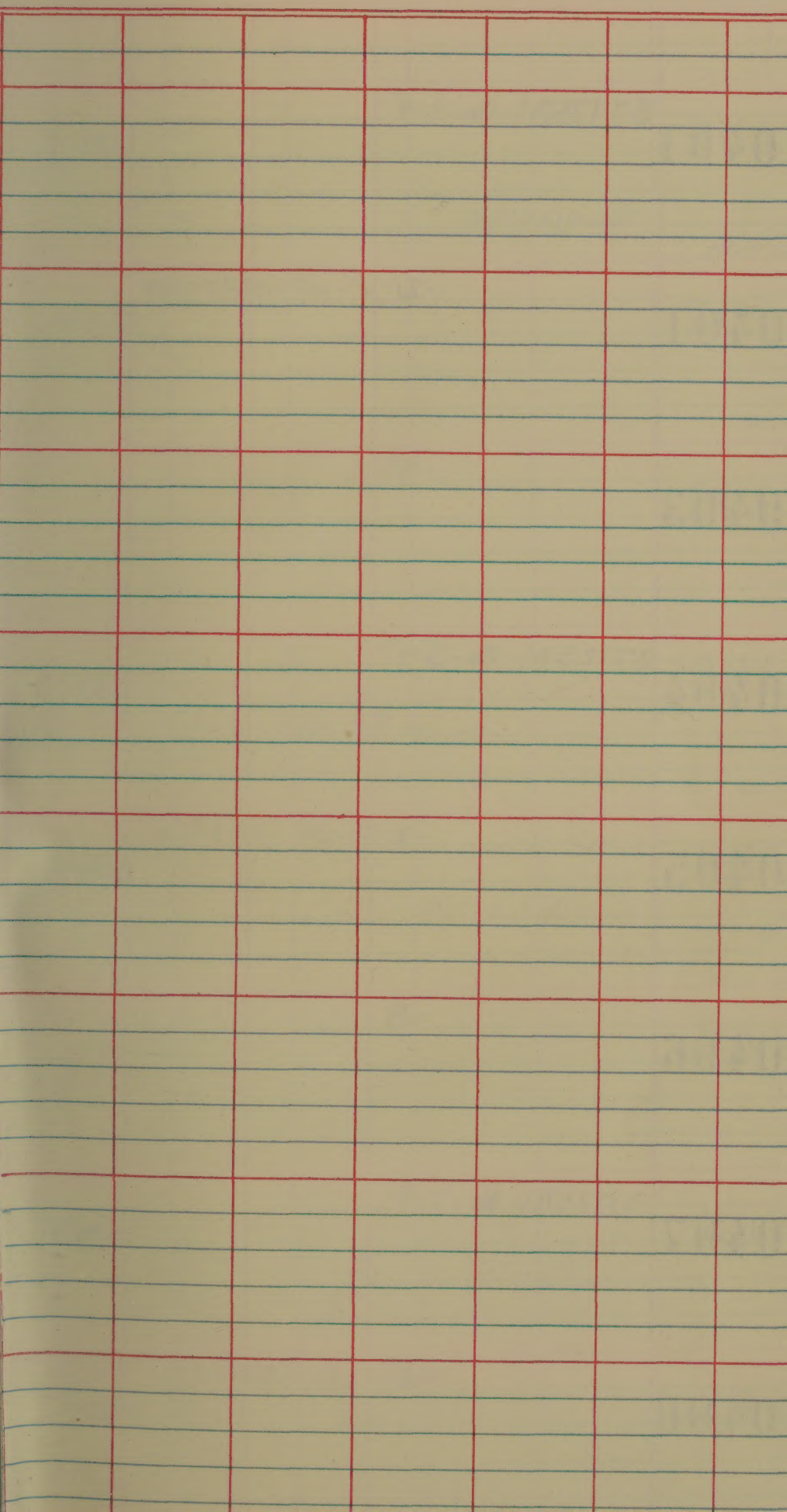
Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.







BT725A1-BK-1-1

20401

13831

DAWN/331581

bx 1014

-2

20401

-3

20403

BT725A1-BK-3-1

20404

13833

-2

20405

Excellent last letter

bx 1014

-3

20406

BT725A1-BK-7-1

20407

13837

82/635

-2

20408

-3

20409

P/P ✓

bk 1014

B7725A1-BK-9-1

13839

20410

P/P ✓

bk 1014

-2

20411

-3

20412

lets out my good

P/P ✓

bk 1014

B7725A1-BK-10-1

13840

20413

P/P ✓

-2

20414

P/P ✓

-3

20415

B7725A1-BK-13-1

13843

20416

-2

20417

✓

P/P

bk 10/4

-3

20418

B7725A1-Bk-14-1

20419

13844

-2

20420

-3

20421

✓

P/P

bk 10/4

B7725A1-Bk-19-1

20422

13849

82/636

B7725A1-Bk-19-2

20423

-3

20424

✓

P/P

bk 10/4

2562 PI 331581

20425

bk 10/4

13852 BTT25A1-Bk-21-1

20426

p/p ✓

-2

20427

-3

20428

p/p ✓

13853 BTT25A1-Bk-22-1

20429

82/637

-2

20430

-3

20431

p/p ✓

13859 BTT25A1-Bk-28-1

20432

20433

-2

20434

-3

✓
p/p

20435

B7725A1-Bk-30-1

13861

✓
p/p

82/638

20436

-2

✓
p/p

20437

-3

20438

B7725A1-Bk-33-1

13864

20439

-2

✓
p/p

bK 10/4

20440

-3

✓
p/p

B7725A1-Bk-37-1

13868

82/639

-2

20441

p/p

bk 1014

20442

-3

20443

B7725A1-Bk-38-1

13869

-2

20444

20445

-3

20446

p/p

bk 1014

B7725A1-Bk-39-1

13870

-2

20447

20448

20449

-3

✓ pip

20450

DAWN

border

bk 10/4

20451

BT725A1-Bk-43-1

13874

20452

-2

✓ pip

20453

-3

✓ pip

bk 10/4

20454

BT725A1-Bk-46-1

13877

20455

-2

20456

-3

✓ pip

13881 B7725A1-Bk-50-1

20457

-2

20458

P/P

bk 1014

-3

20459

13883 B7725A1-Bk-52-1

20460

82/640

P/P

bk 1014

-2

20461

-3

20462

13903 B7725A1-13-1

20463

-2

20464

P/P

-3

20465

B7725A1-17-1

20466

13907

✓
P/P

-2

20467

-3

20468

✓
P/P

B7725A1-19-1

20469

13909

✓
P/P

-2

20470

-3

20471

B7725A1-22-1

20472

13912

✓
P/P

BK 10/4

-2

20473

-3

20474

BBLE

2544

20475

bk 1014

B7725A1-26-1

13916

20476

-2

20477

P/P ✓

bk 1014

-3

20478

P/P ✓

B7725A1-27-1

13917

20479

-2

20480

20481

-3

20482

B7725A1-30-1

13920

20483

-2

20484

-3

✓
np
20485

B7725A1-31-1

13921

✓
np
20486

-2

bx 1014
20487

-3

20488

B7725A1-33-1

13923

-2

20489

-3

20490

P₁₀ ✓

BT725A1-36-1

13927

20491

P₁₀ ✓

-2

20492

-3

20493

BT725A1-39-1

13930

20494

P₁₀ ✓

-2

20495

-3

20496

B7725A1-40-1

20497

13931

✓
Pip

-2

20498

-3

20499

B7725A1-43-1

20500

13934

-2

20501

✓
Pip

-3

20502

B7725A1-46-1

20503

13937

-2

20504

-3

20505

P₁ ✓

BT725A1-49-1

13940

20506

-2

20507

P₁ ✓

-3

20508

BT725A1-50-1

13941

20509

-2

20510

-3

20511

P₁ ✓

BT725A1-60-1

13952

20512

20513

-2

✓
p/p
bk 10/4

20514

-3

20515

B7725A1-61-1

13953

20516

-2

✓
p/p

20517

-3

20518

B7725A1-62-1

13954

20519

-2

✓
p/p
bk 10/4

20520

-3

13957

B7725A1-65-1

20521

-2

20522

p/p ✓

bx 1014

-3

20523

13959

B7725A1-67-1

20524

-2

20525

p/p ✓

-3

20526

26

LEAH

20527

bx 1014

13960

B7725A1-68-1

20528

20529 -2

✓
P/P

20530 -3

20531 B7725A1-70-1-

82/641

13962

20532 -2-

20533 -3

✓
P/P

20534 B7725A1-73-1

13965

20535 -2

✓
P/P

20536 -3

13968

B7725A1-76-1

20537

✓
P/p

-2

20538

-3

20539

13970

B7725A1-78-1

20540

-2

20541

✓
P/p

-3

20542

13973

B7725A1-81-1

20543

-2

20544

✓
P/p

20545 -3

20546 BT725A1-82-1

13974

✓ PIP

20547 -2

20548 -3

20549 RUT603015

HR

bx 1014

20550 BT725A1-93-1

13986

20551 -2

✓ PIP

20552 -3

13989

B7725A1-96-1

20553

-2

20554

p/p ✓

-3

20555

13991

B7725A1-98-1

20556

-2

20557

-3

20558

p/p ✓

bx 1014

13999

B7725A1-105-1

20559

p/p ✓

-2

20560

20561

-3

20562

Basmati 370

2001-20

20563

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20564

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20565

OK 10/28

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20566

"

20567

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20568

"

Basmati 370

2001-20

20569

"

"

bk 10/28

20570

"

"

20571

Italica Livorno

2340-45

20572

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20573

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20574

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20575

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20576

20577	RU7501067		Stg
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20578	" bk 10/4		
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20579	RU7601071		Stg
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20580	bk 10/4		
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20581		8/18	
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bk 10/4

20582	RU8001095		95
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bk 10/4

20583			81/17
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bk 10/4

20584			80/93
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bk 10/4

2464

05-6

20585

"

20586

"

bk 10/4

20587

"

20588

"

20589

PI 291449

2489-91

20590

"

20591

"

20592

PI 291449

20593

2489-91

"

20594

PI 291495

20595

2492-94

"

20596

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20597

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20598

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20599

RU7603091

20600

2567

Cogburn Test
(20601 - 20680)

13

CI 12273

Rep I

↓

20601

Hv. 6/17

↓

"

20602

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20603

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20604

"

20605

B775A1, F₂ Infested

20606

Hv. 9/21

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20607

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20608

20609

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20610

"

20611

VSTA

Hv. 9/21

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20612

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20613

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20614

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20615

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20616

B775A1 F₂, Non-infested

Hv. 9/17

↓

"

20617

"

20618

"

20619

"

20620

VSTA

Rep II

20621

Hy. 9/17

↓

"

20622

"

20623

"

20624

20625

"

20626

CI 12273

Hv. 9/17

↓

20627

"

20628

"

20629

"

20630

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20631

B775A1 F₂, Infested

Hv. 9/17

↓

20632

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20633

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20634

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20635

BT75A1 F₂, Non-infested

20636

Hv. 9/17

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20637

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20638

"

20639

"

20640

20641	B775A1 F ₂ , Infested	Rep III
		Hv. 10/5 ↓

20642	"	
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20643	"	
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20644	"	
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20645	"	
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20646	CI 12273	
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		Hv. 9/21 ↓
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20647	"	
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20648	"	
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20649

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20650

BT75A1 F₂, Non-infested

20651

Hv. 9/21

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"

20652

"

20653

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20654

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20655

YSTA

20656

Hv. 9/17

20657

20658

20659

20660

20661 YSTA

Rep IV

20662

Hv. 9/17



20663

20664

"

20665

BT75A1 F₂, Non-infested

20666

Hv. 9/17

↓

"

20667

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20668

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20669

"

20670

BT75A1 F₂, Infested

20671

Hv. 9/17

↓

"

20672

20673

"

20674

"

20675

"

20676

CI 12273

Hv. 9/17

20677

"

20678

"

20679

"

20680

"

F ₁	B814A2	20681
	29Lul / RUT902030	
	"	20682
	"	20683
	"	20684
44	R08102044	20685
F ₁	B815A2	20686
	29Lul / R08002026	
	"	20687
	"	20688

20689

B815A2

F₁

20690

"

20691

"

20692

"

20693

"

20694

"

20695

29LU1

30/1505

20696

B8124A9

F₁

RU7902113/RU7902149

B8124A9

F₁

20697

"

20698

RU7902113

16

20699

B8125A1

F₁

20700

RU7902113/RU8102044

"

20701

plp

10/28

"

20702

B8124A1

F₁

20703

8003043/mutica

"

20704

B8129A1

20705

F₁

20706

"

20707

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20708

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P/P 10/28

20709

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20710

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20711

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20712

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HR

RU8003043

20713

F,

B8130A5

20714

RU8002026/RU8003043

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20715

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20716

RRC

CI 12273

20717

F,

B8131A4

20718

RU8002026/RU8003050

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20719

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20720

20721	LEAH	26
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20722	B8132A2 LBNT/315650//8003043	F,
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20723	"	
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20724	"	
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20725	"	
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20726	"	
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20727	TX 780665	2671
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20728	B8133A1 LBNT/315650//RU8003043	F,
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F₁

B8133A1

20729

2672

TX 780670

20730

F₁

B8134A1

20731

B786A3 F₁ / RU8003043

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20732

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20734

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20735

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20736

p/p 10/28

20737 BS134A1 F₁

20738 "

20739 BLMT HR

20740 BS135A4
RU8002026 / BLMT F₁

20741 "

20742 "

20743 BS136A6
LBNT/315650//BLMT F₁

20744 "

F₁ BS136A6 20745

F₁ BS137A4 20746

LBNT/315650//BLMT

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20747

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F₁ BS138A2 20751

MUTICA/BLMT

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20752

20753	B8138A2			F ₁
20754	LA 110			162
20755	B8139A6 80C-14187/LA 110			F ₁
20756	"			
20757	"			
20758	80C-14187			12713
20759	B8140A1 80C-14187/LA 110			F ₁
20760	"			

B8140A1

F₁

20761

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20762

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20763

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20764

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B8145A1

F₁

MUTICA/RU8102044

20766

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20769 B8145A1

F₁

20770 B8146A1

F₁

MUTICA/RU8003050

20771 "

20772 "

20773 B8147A1

F₁

MUTICA/RU8002026

20774 "

20775 "

20776 "

HR

RU7403025

20777

F₁

B8148A3

MUTICA/RU7403025

20778

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20780

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20781

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MARS

20783

F₁

B8149A1

MUTICA/MARS

20784

20785	B8149A1		F ₁
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		ple 10/28	
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20786	"		
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20787	M302		55
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20788	B8150A1		F ₁
	MUTICA / M302		

20789	"		
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20790	"		
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20791	B8153A1		F ₁
	B786A3 F ₁ / MUTICA		

20792	"		
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F ₁	B8153A1					20793
	"					20794
	"					20795
	"					20796
	"					20797
	"					20798
	"					20799
2567	R07603091					20800

20801	B8154A1				
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				F ₁	
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20802	"				
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20803	"				
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20804	"				
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20805	"				
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20806				12509	
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20807	B8156A1				
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				F ₁	
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20808					
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20809

12519

20810

F₁

38158A3

20811

"

20812

5609

20813

F₁

38159A1

20814

"

20815

5803

20816

20817	BS160A3	F ₁
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20818	"	
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20819	L-201	Biggs
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20820	BS162A5	F ₁
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20821	"	
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20822		5804
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20823	BS163A2	F ₁
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20824	"	
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F₁

B8163A2

20825

5805

20826

F₁

B8164A4

20827

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20828

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20829

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20830

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20831

F₁

B8165A1

20832

20833	B8165A1				F ₁
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20834	B8166A7				F ₁
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20835	"				
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20836	"				
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20837	"				
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20838	"				
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20839	Yabani M7			2199-2200	
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20840	B8168A2				F ₁
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14841	ESD-7					20841
F ₁	B8170A2					20842
14880						20843
F ₁	B8171A2					20844
14904	HK76					20845
F ₁	B8173A1					20846
	"					20847
	"					20848

20849	B8173A1				F ₁
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20850	"				
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20851	B8175A4				F ₁
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20852	"				
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20853					
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